

FIG. 1

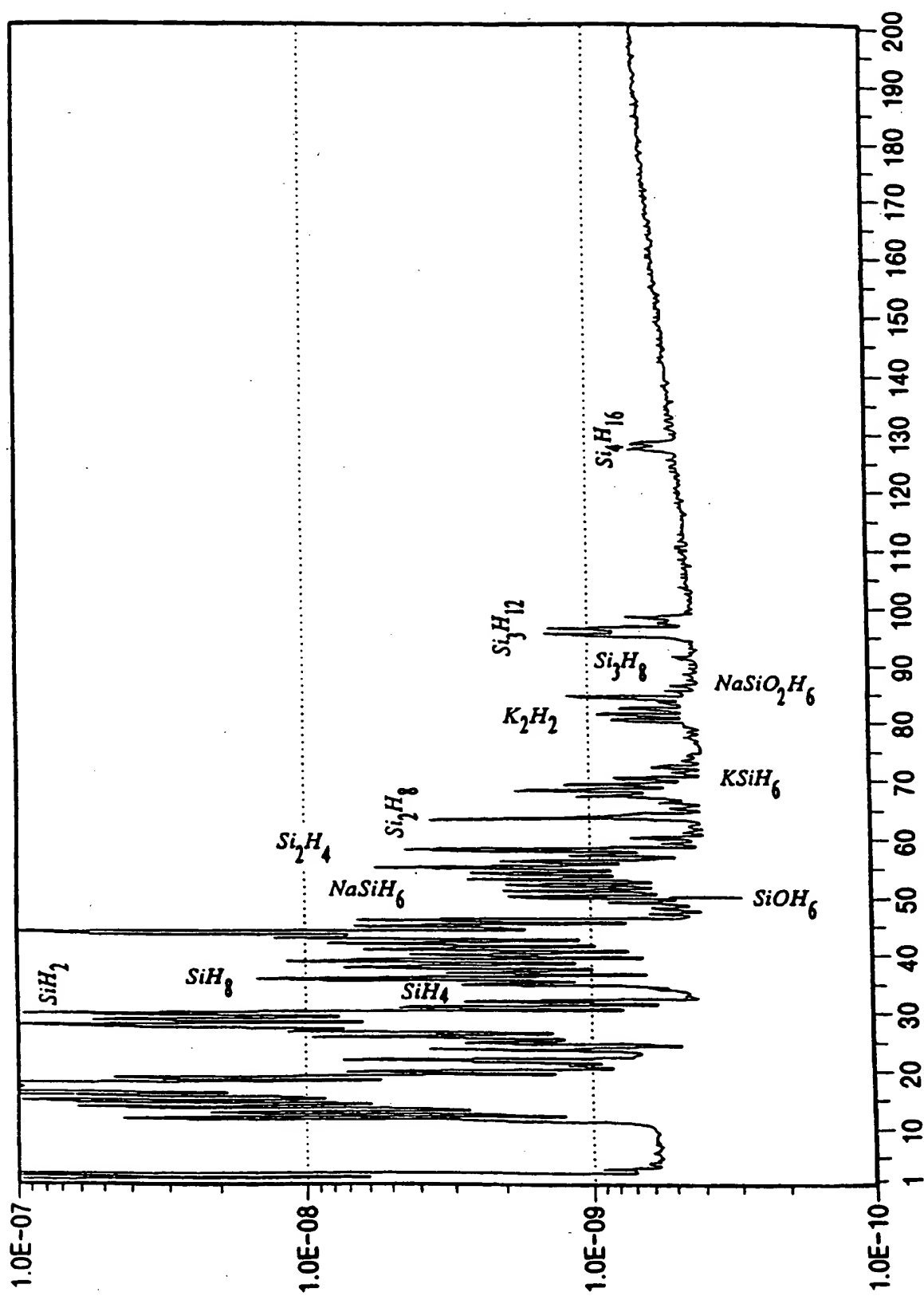


FIG. 25C

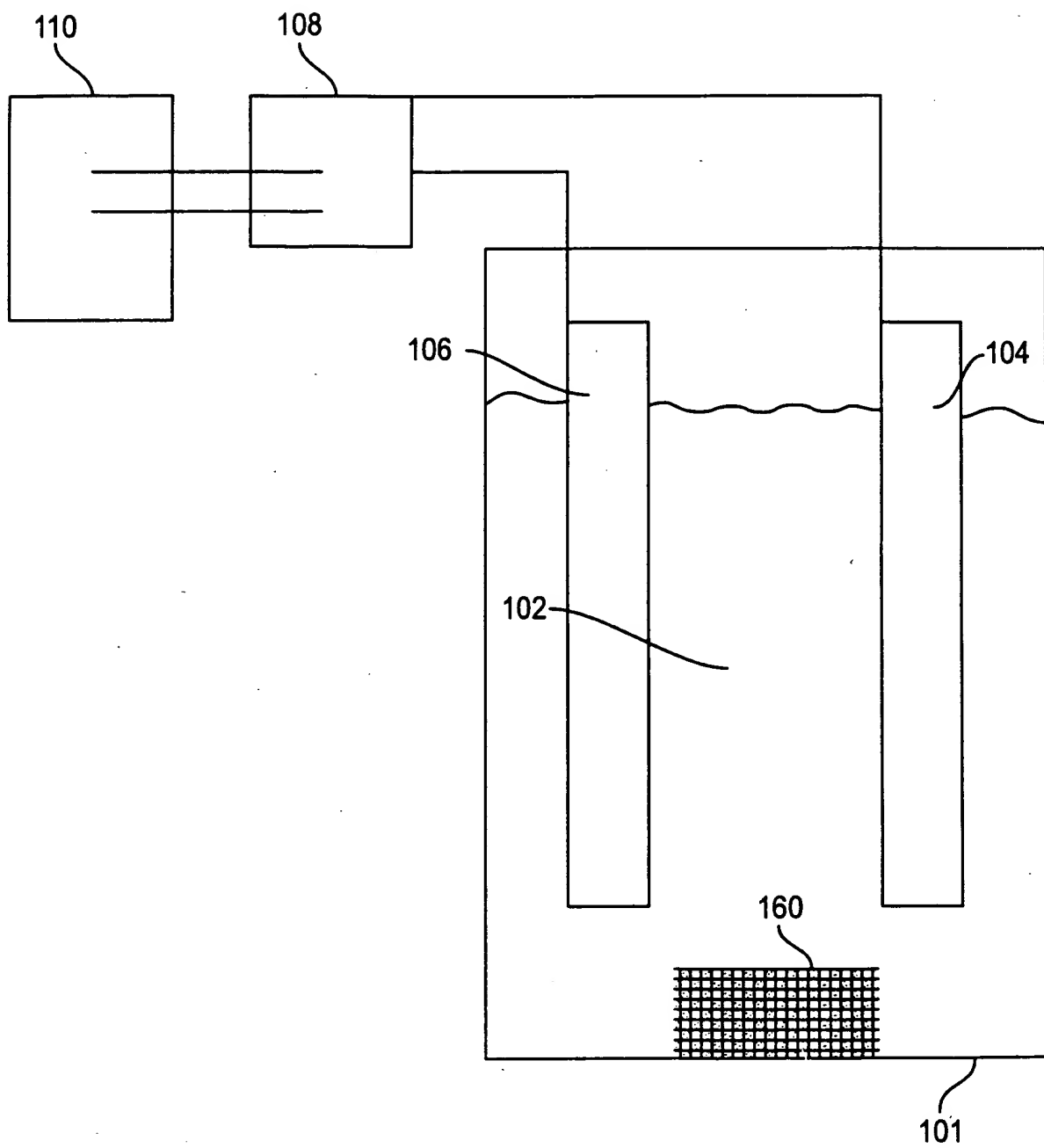


FIG. 2

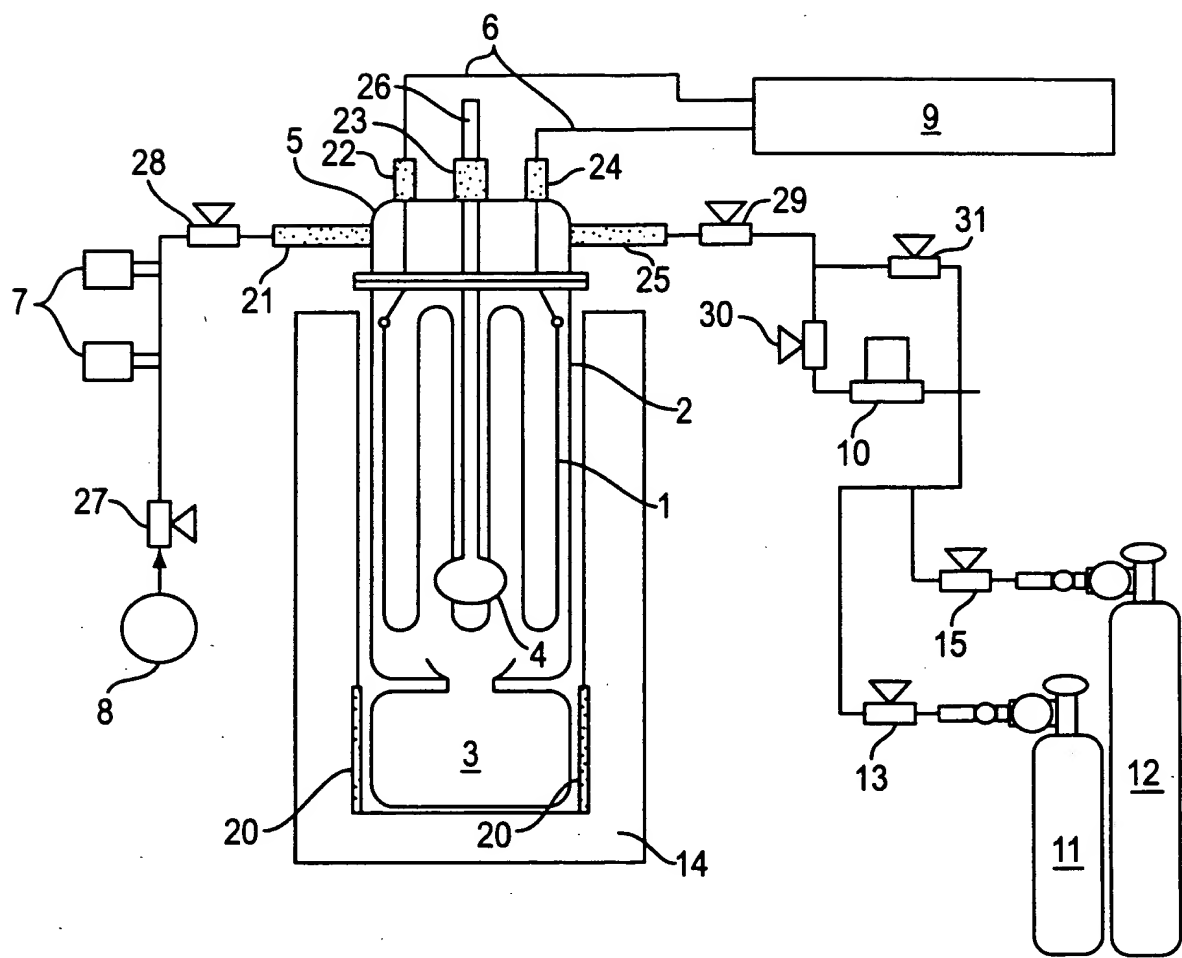


FIG. 4

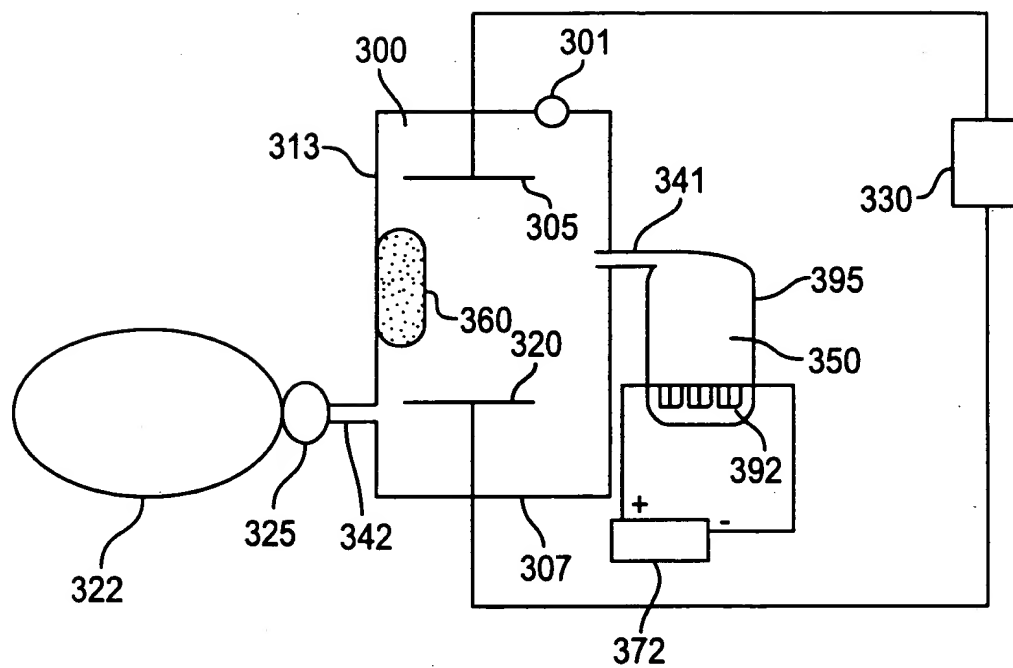


FIG. 5

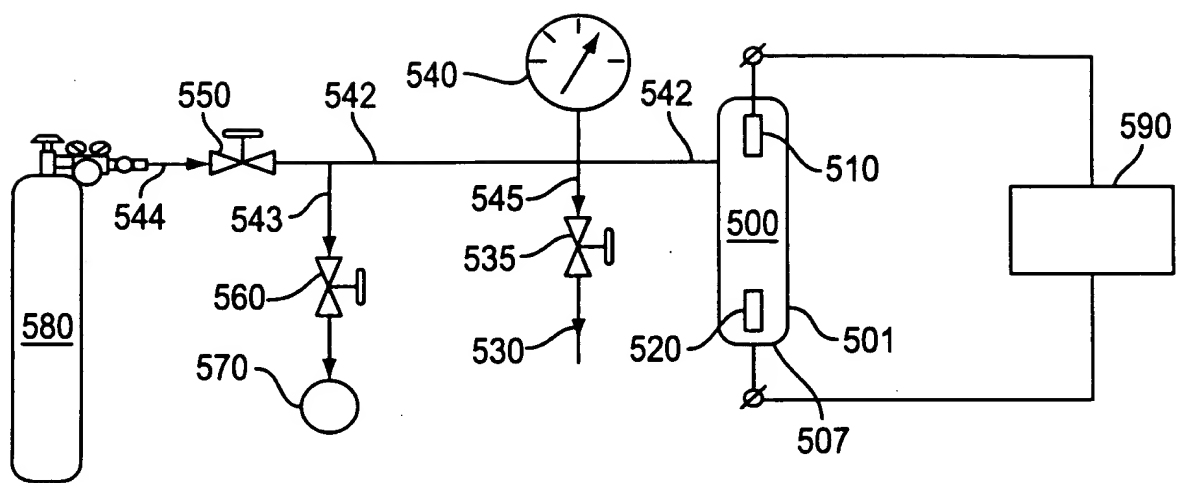


FIG. 6

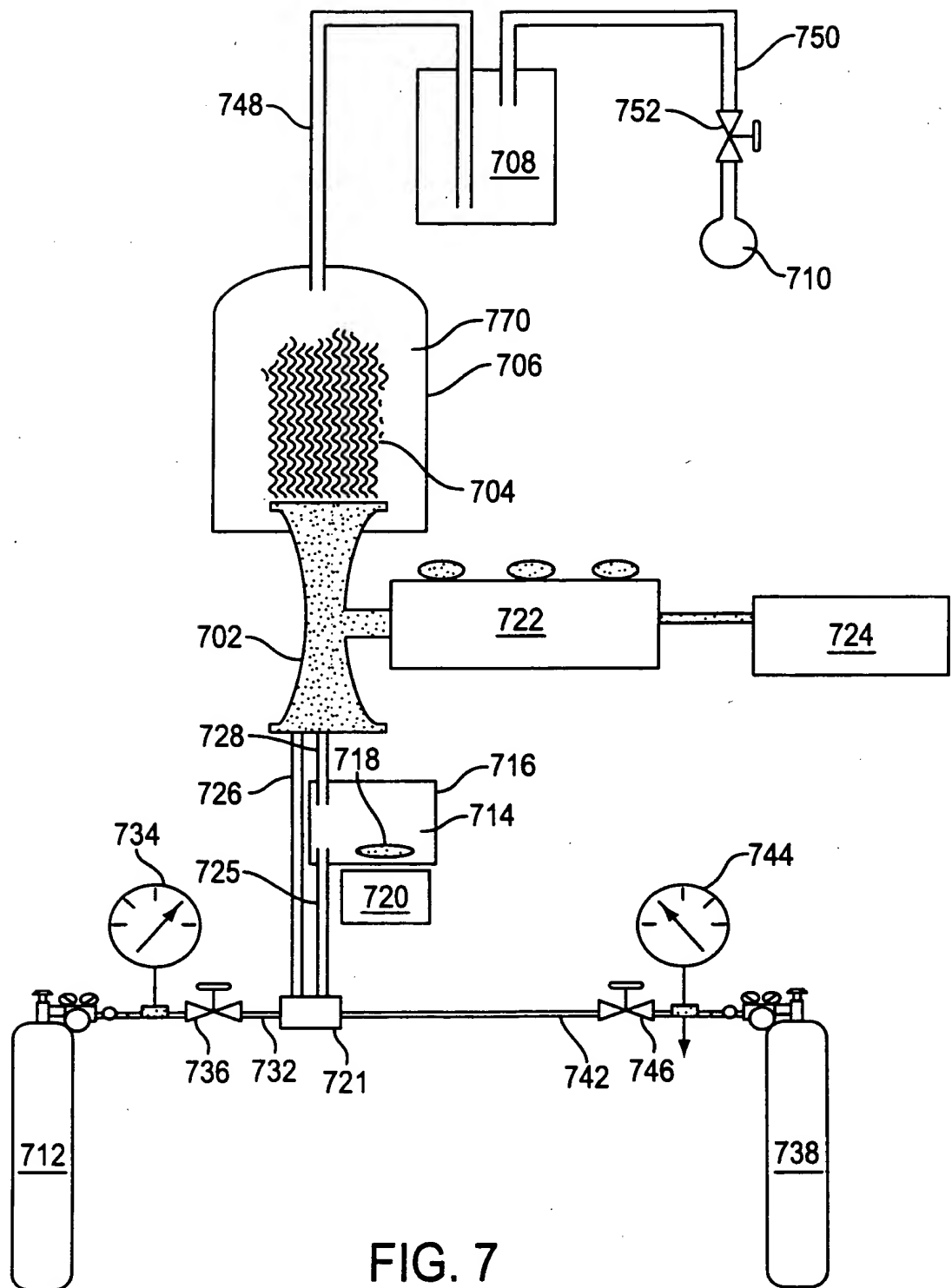


FIG. 7

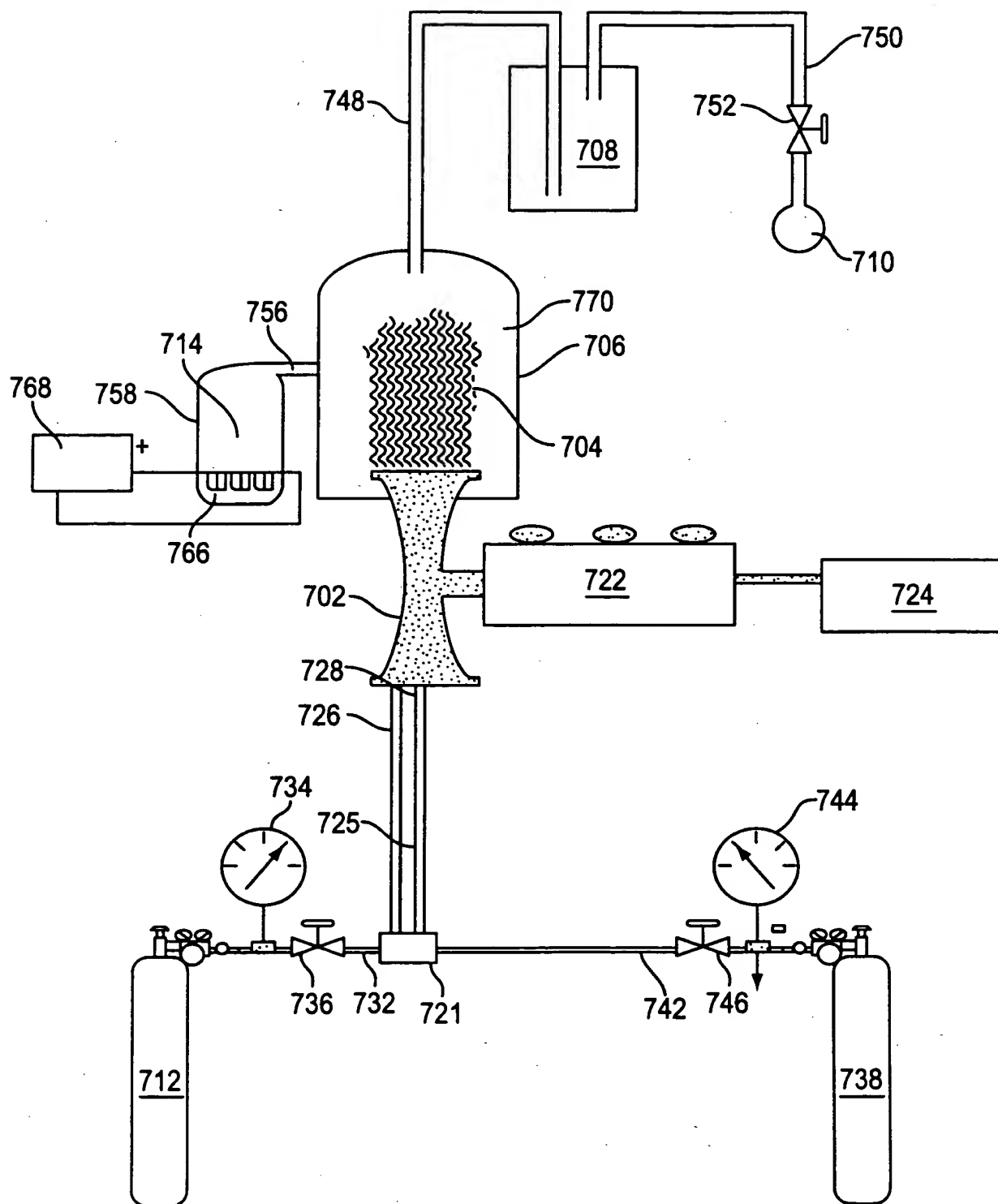


FIG. 8

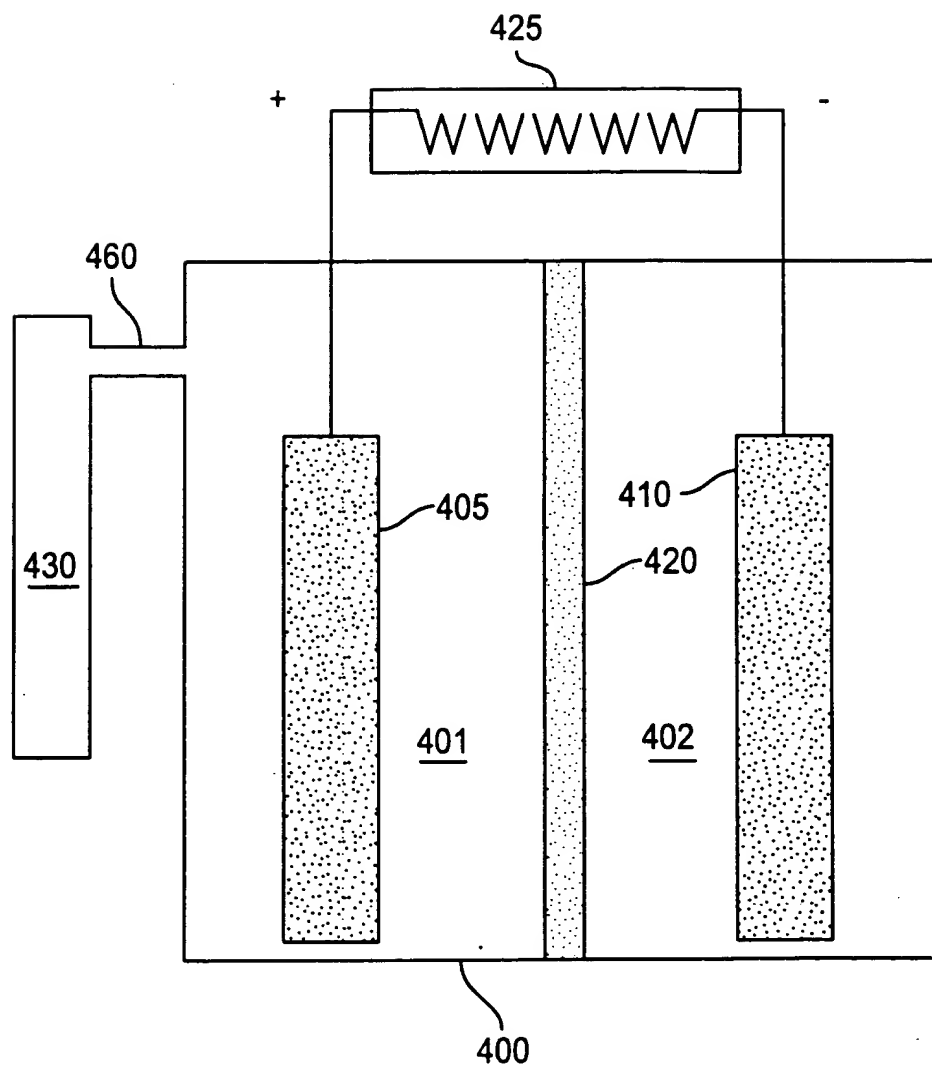


FIG. 9

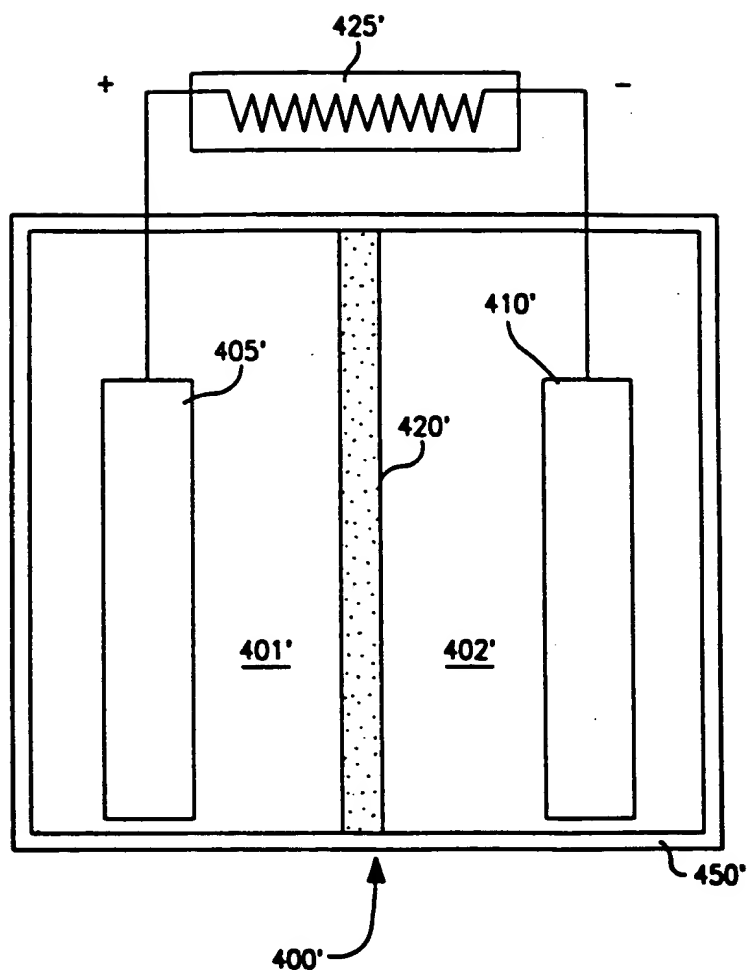


FIG. 9A

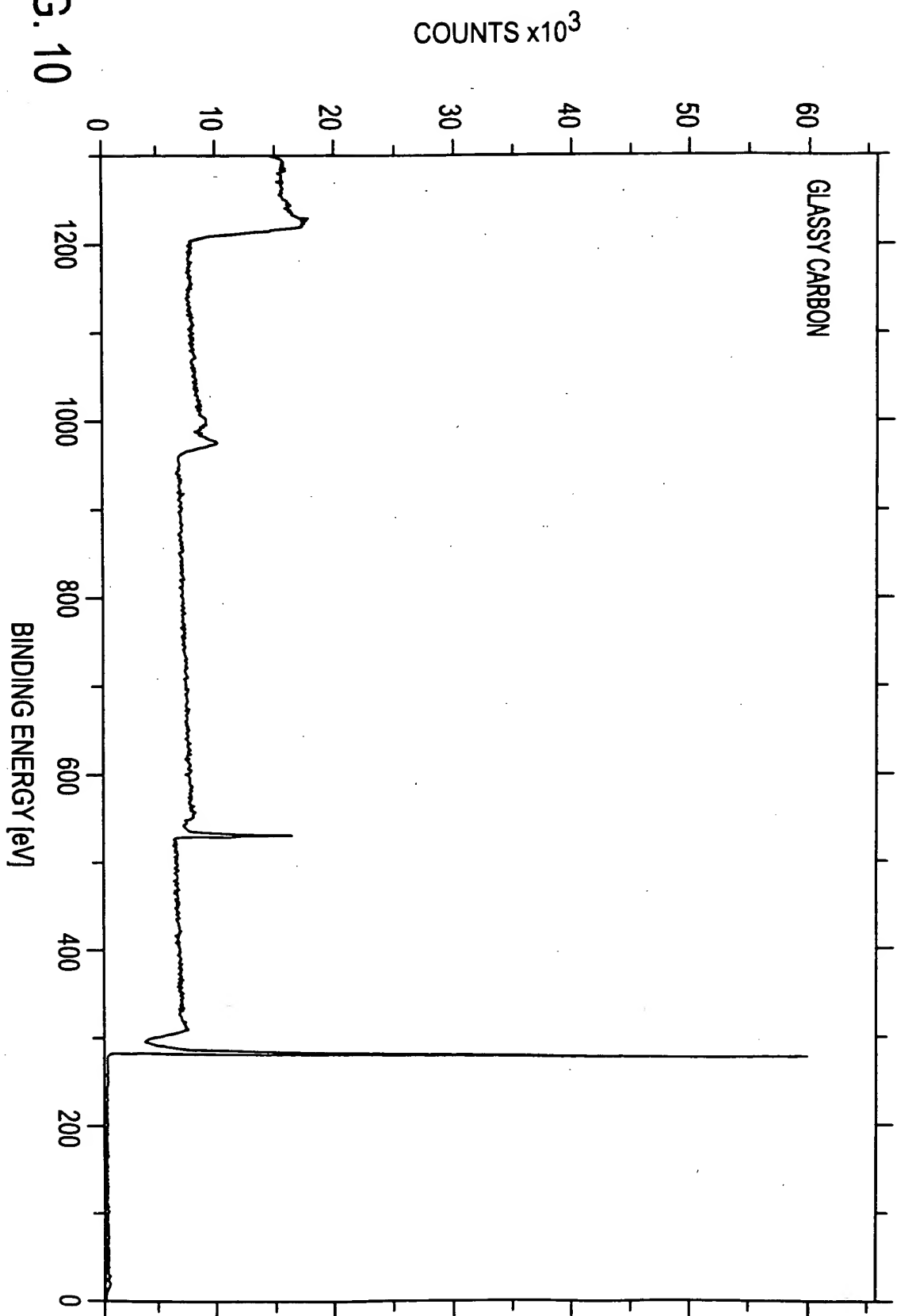


FIG. 10

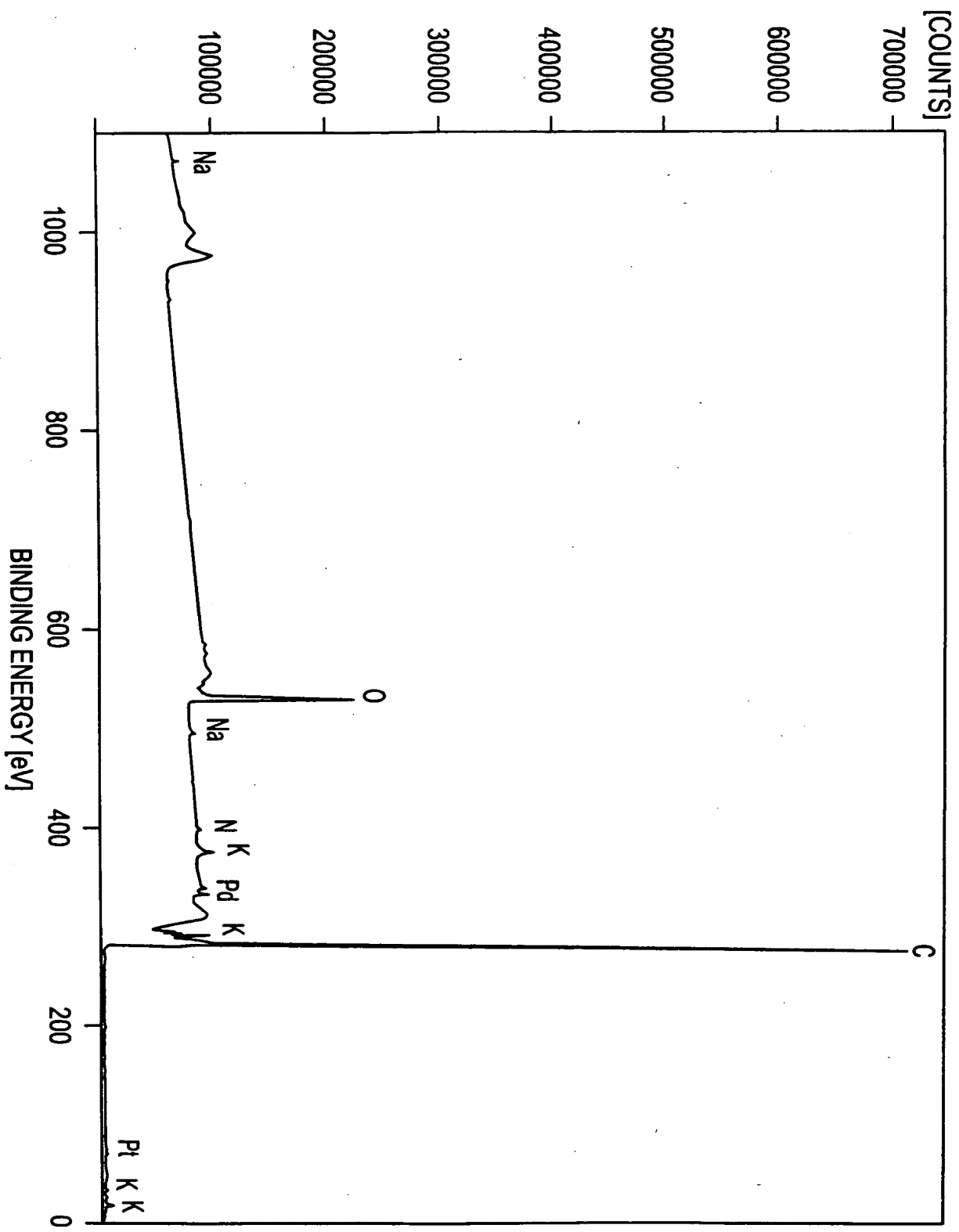


FIG. 11

[COUNTS]

18000

17000

16000

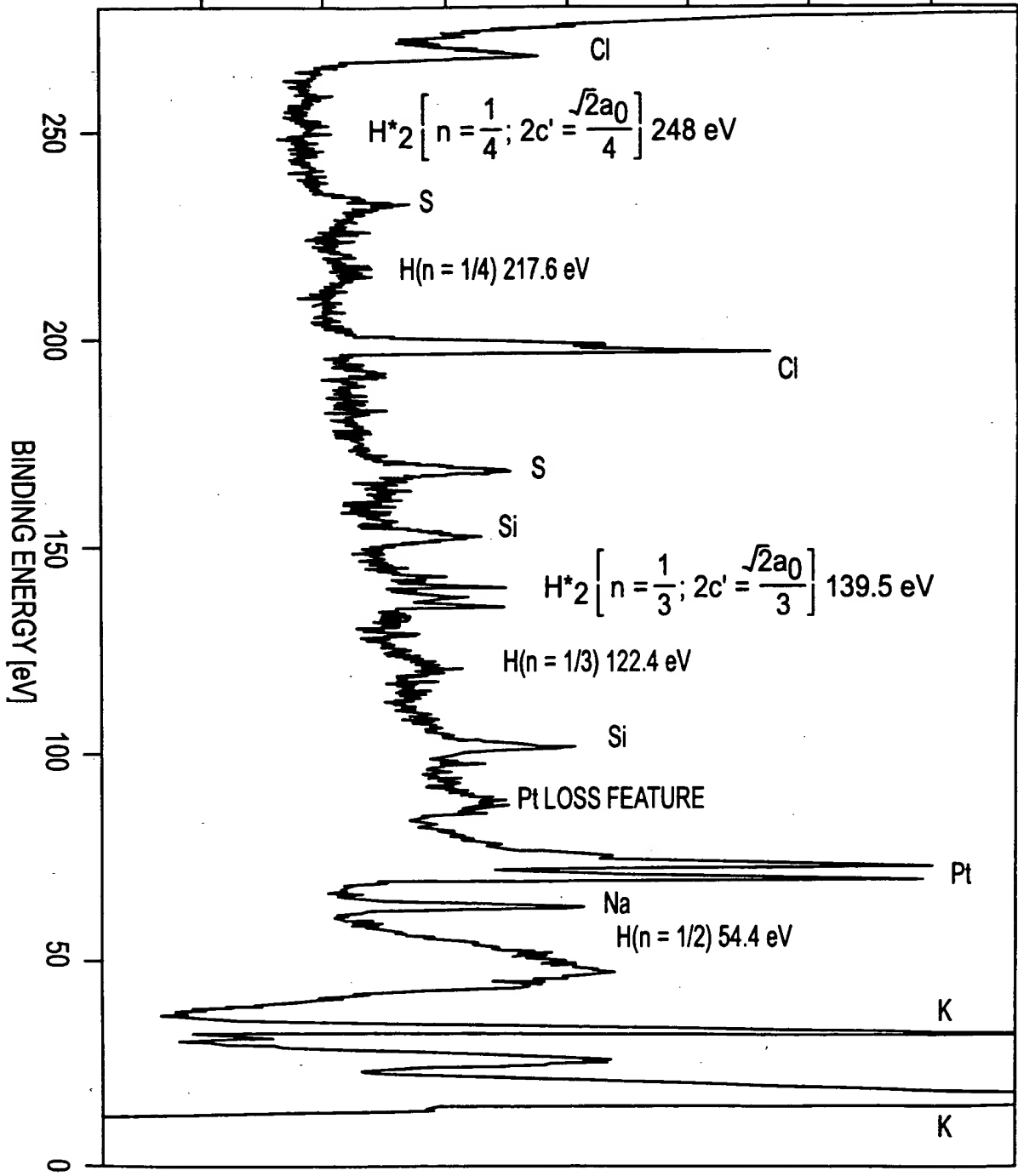
15000

14000

13000

12000

FIG. 12



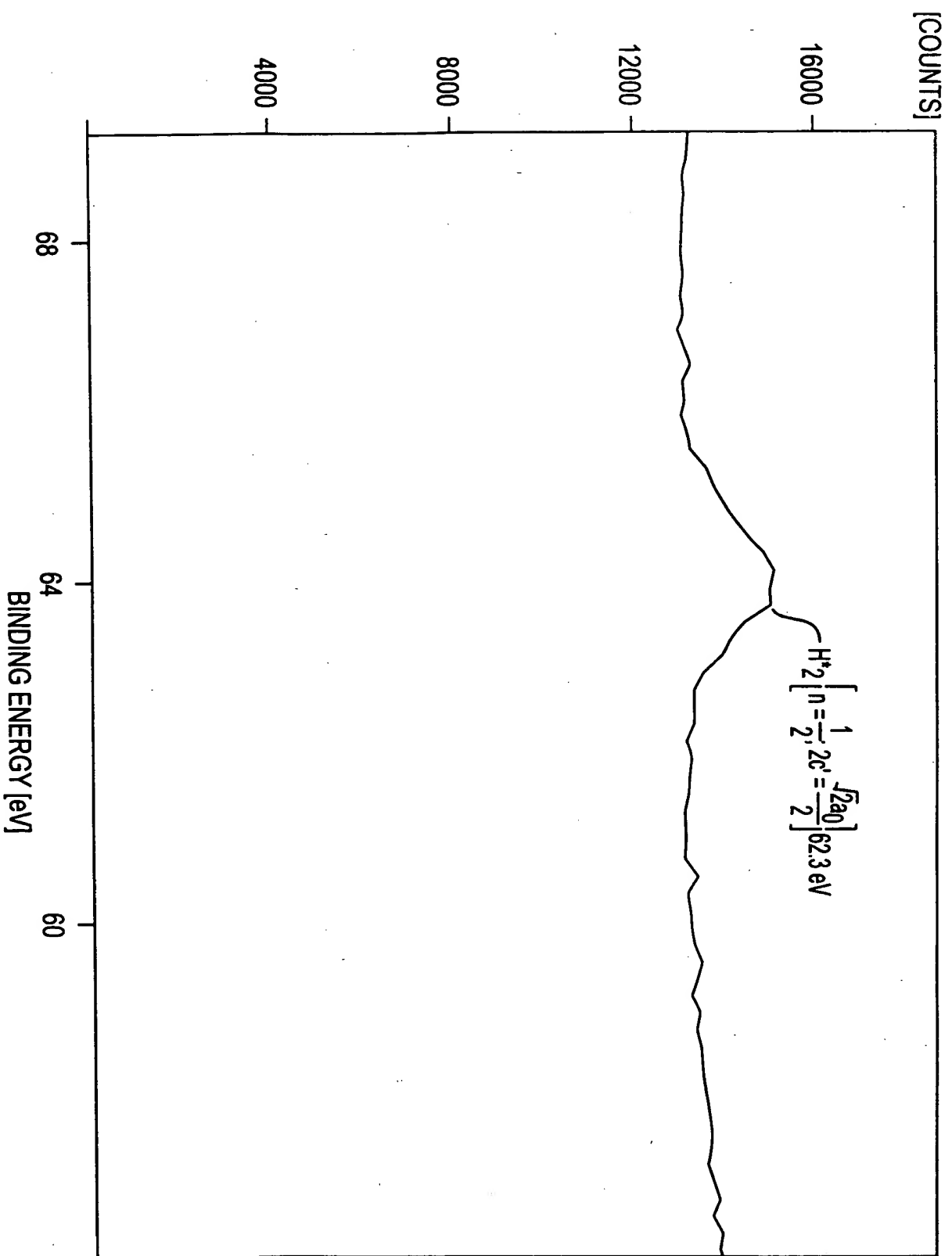


FIG. 13

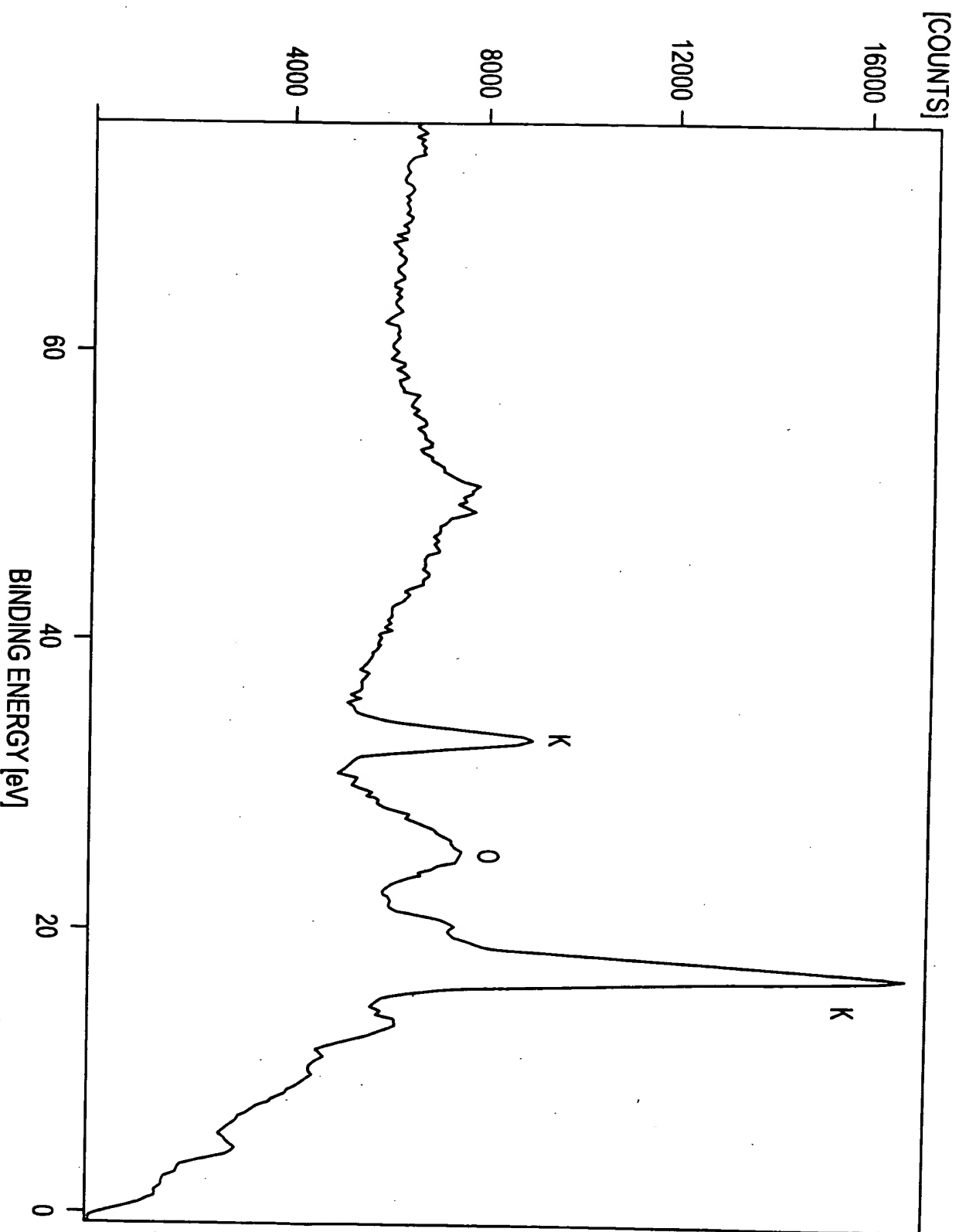
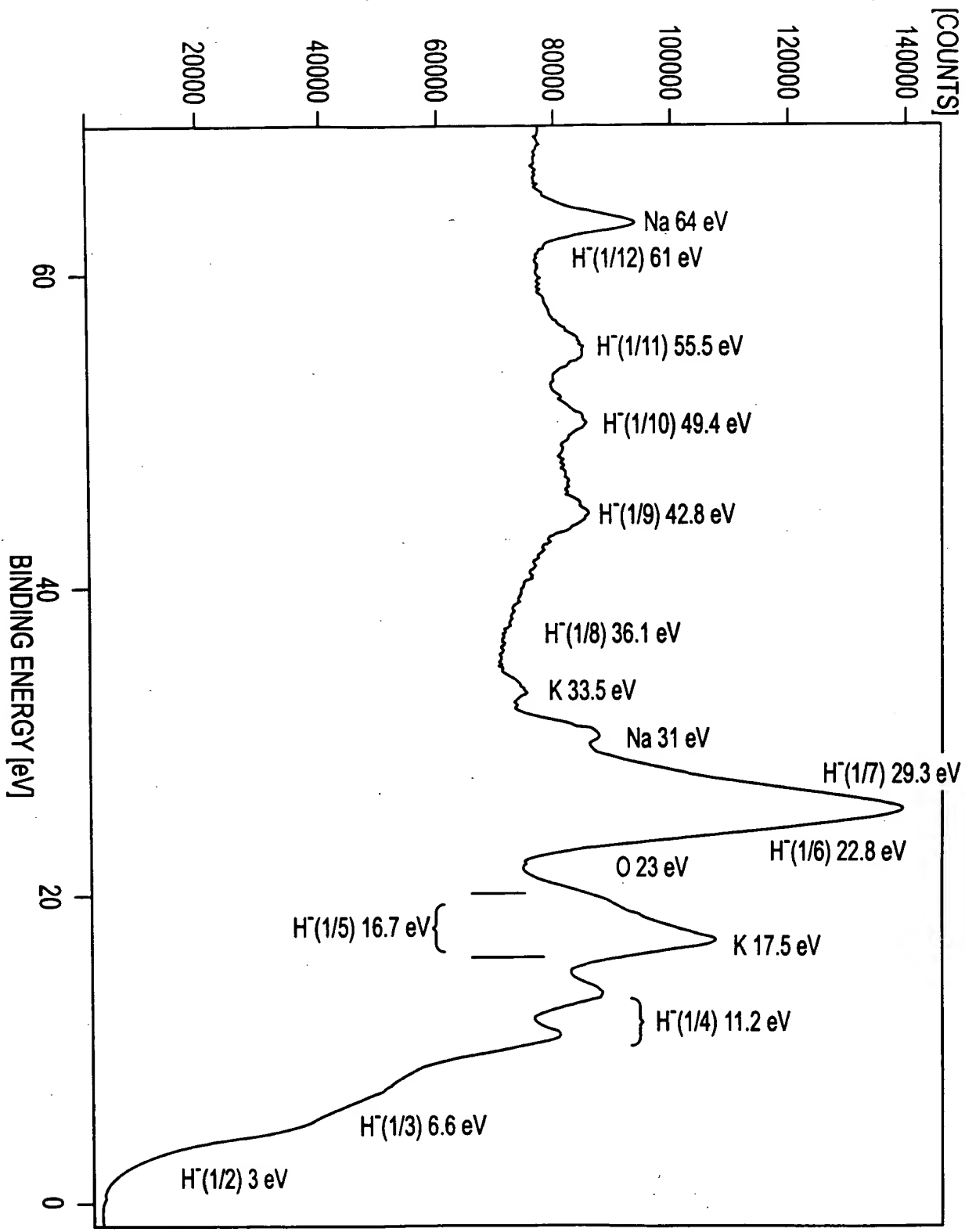


FIG. 14

FIG. 15



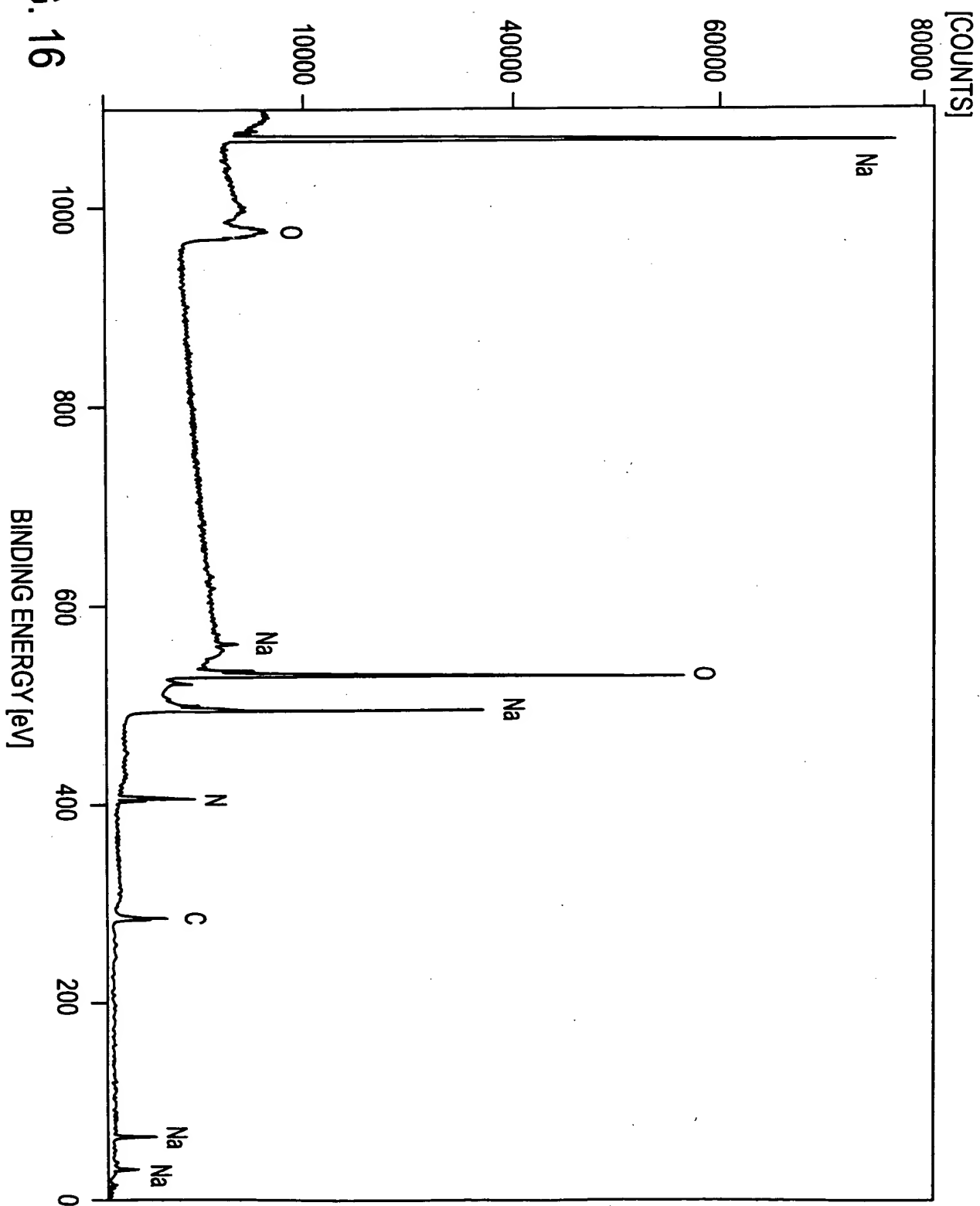
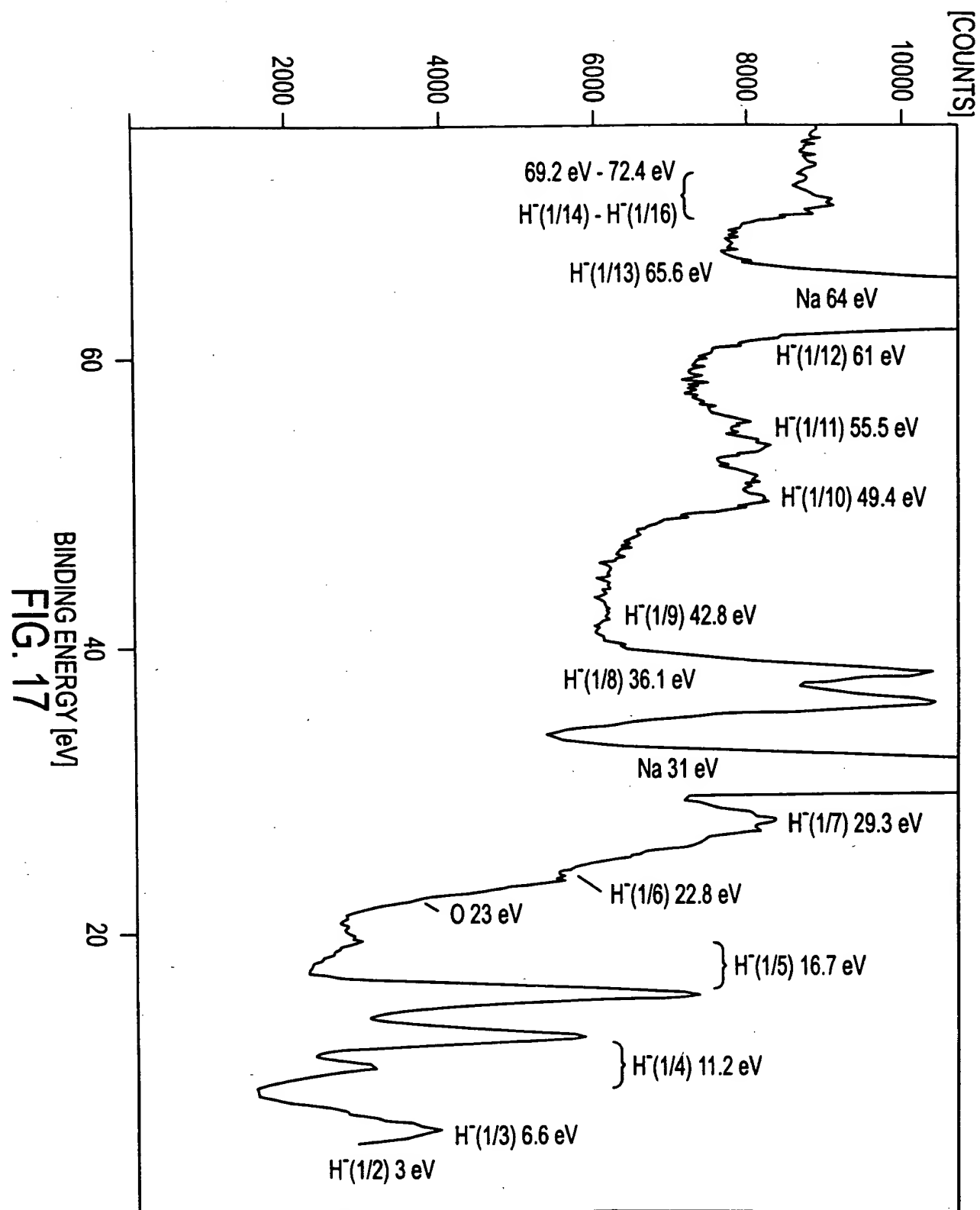


FIG. 16



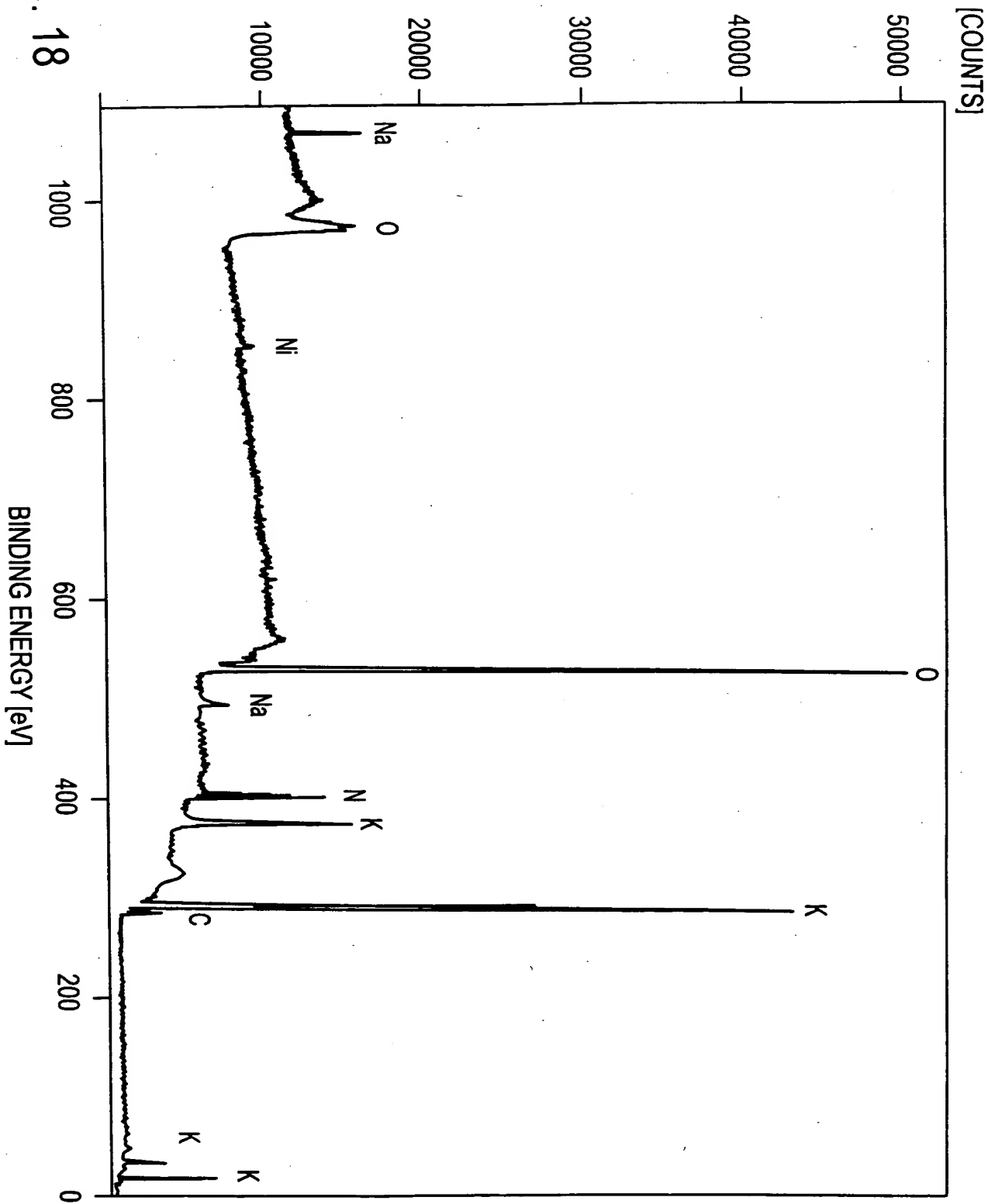


FIG. 18

[COUNTS]

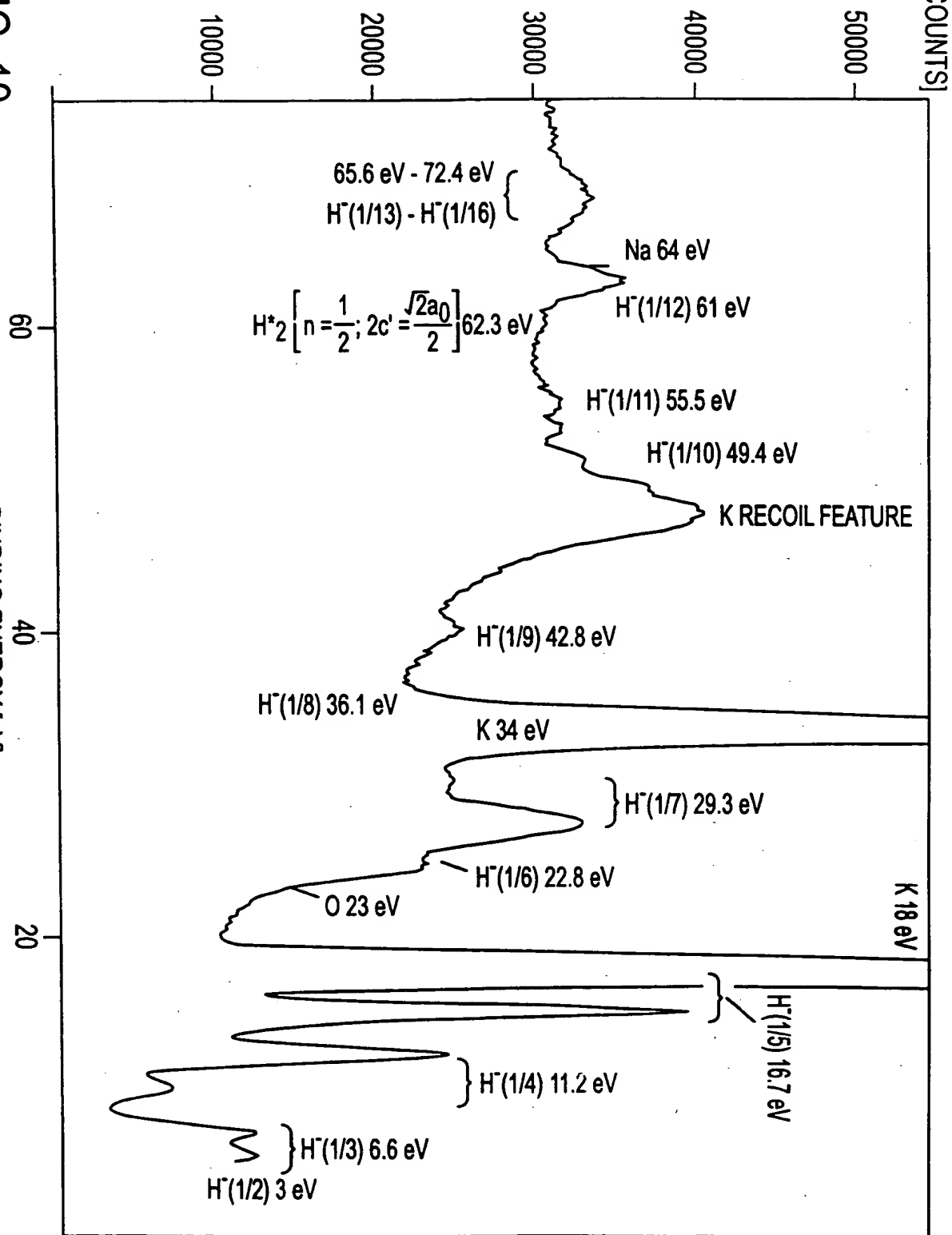


FIG. 19

BINDING ENERGY [eV]

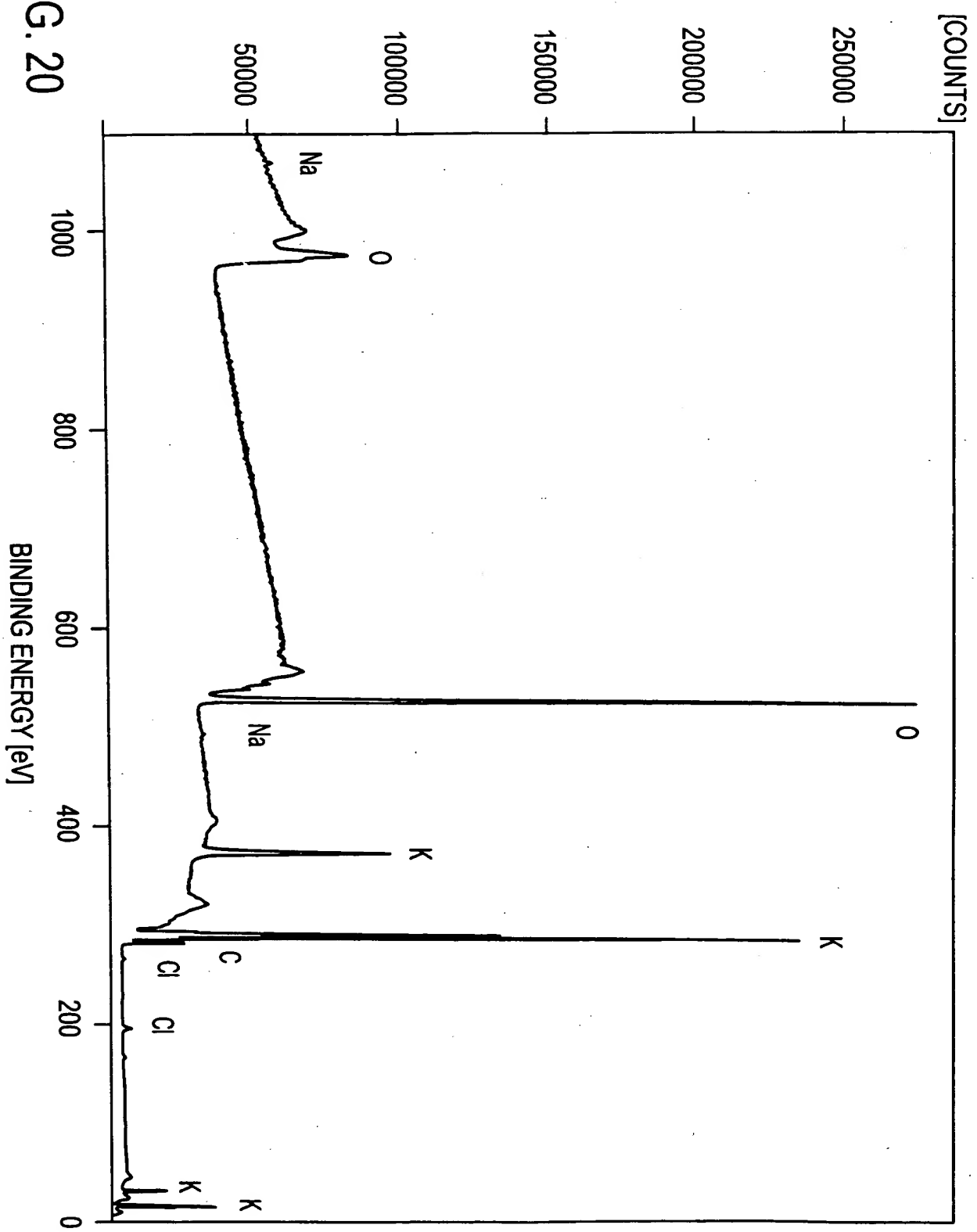


FIG. 20

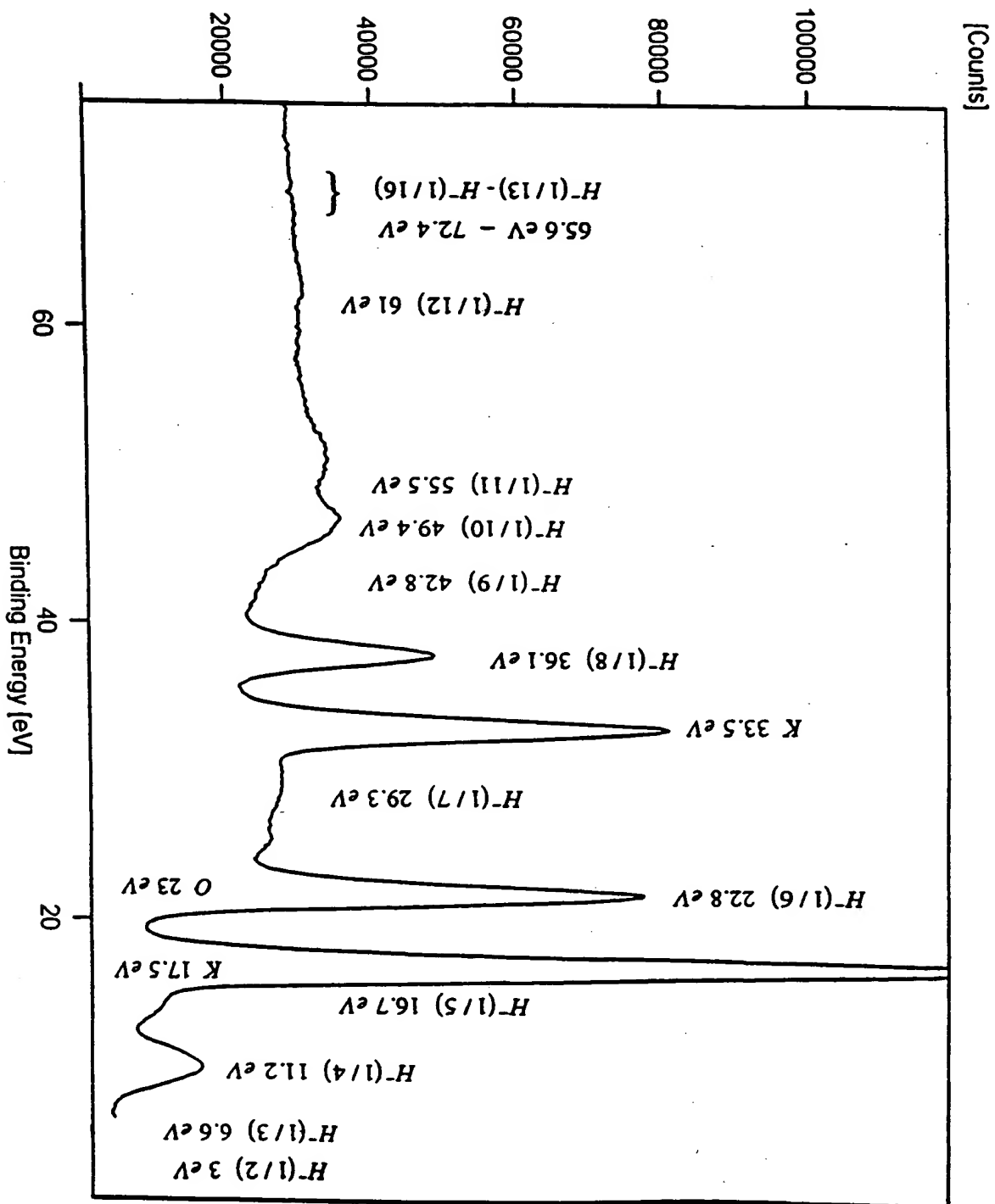


FIG. 21

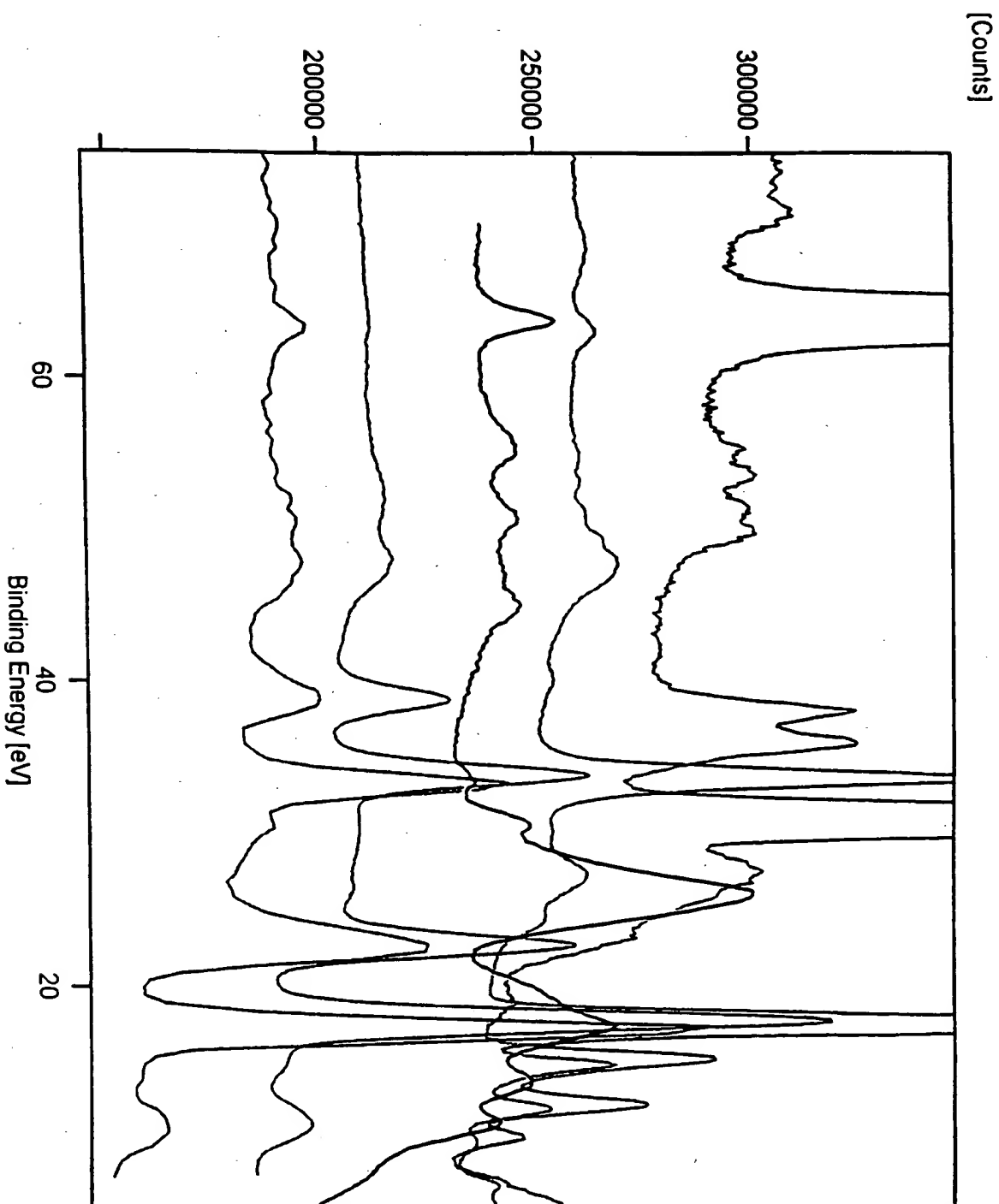


FIG. 22

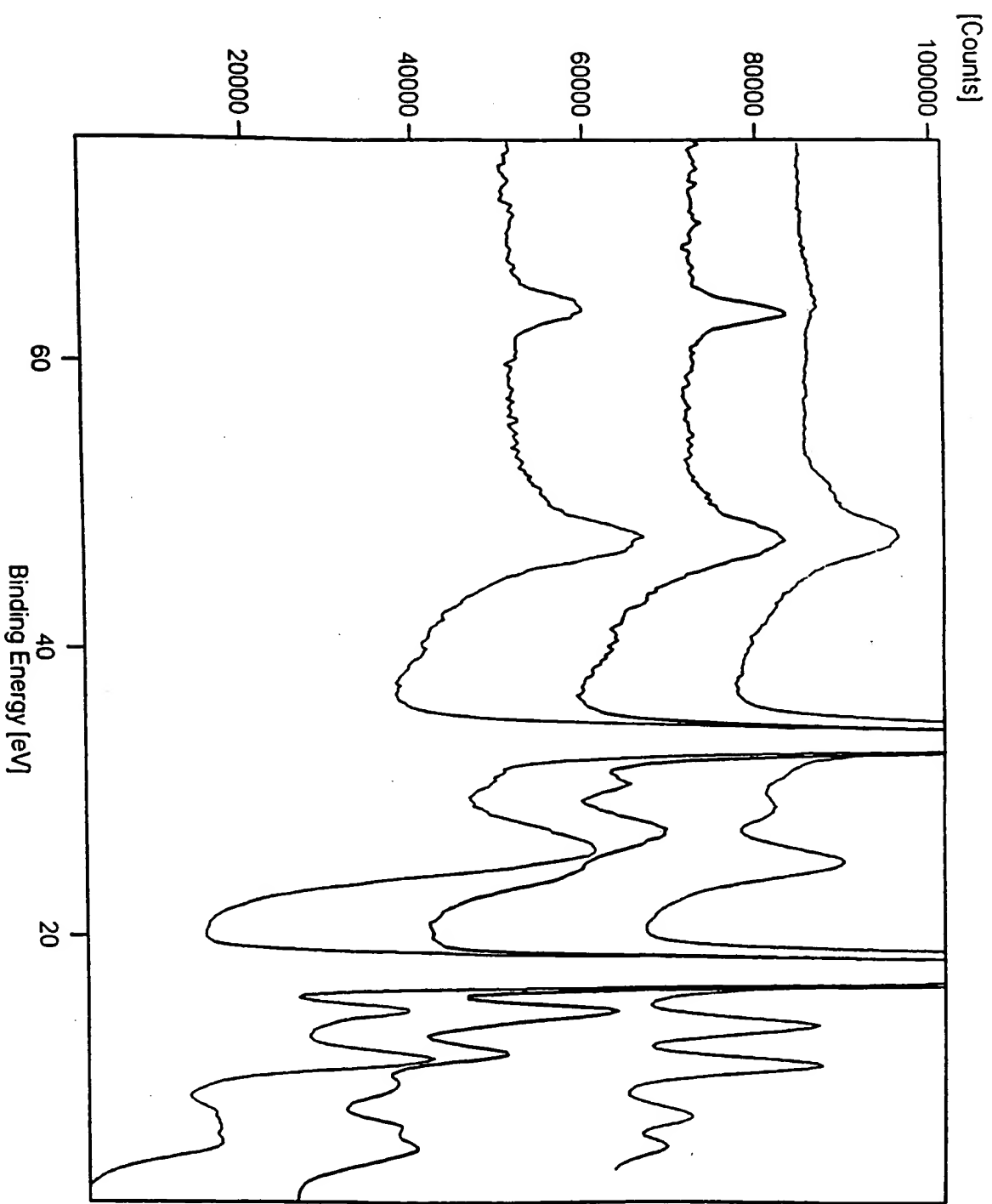


FIG. 23

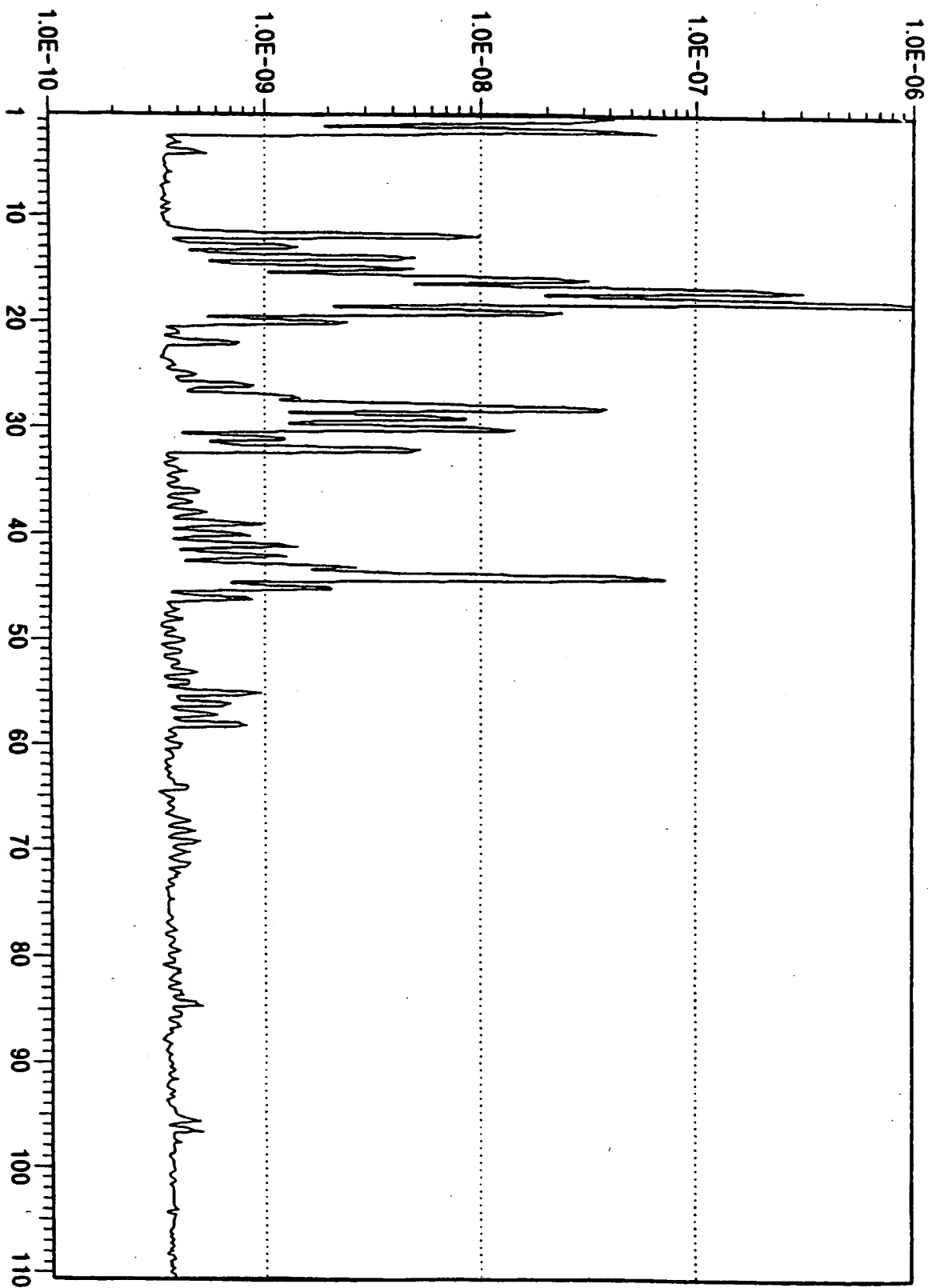


FIG. 24

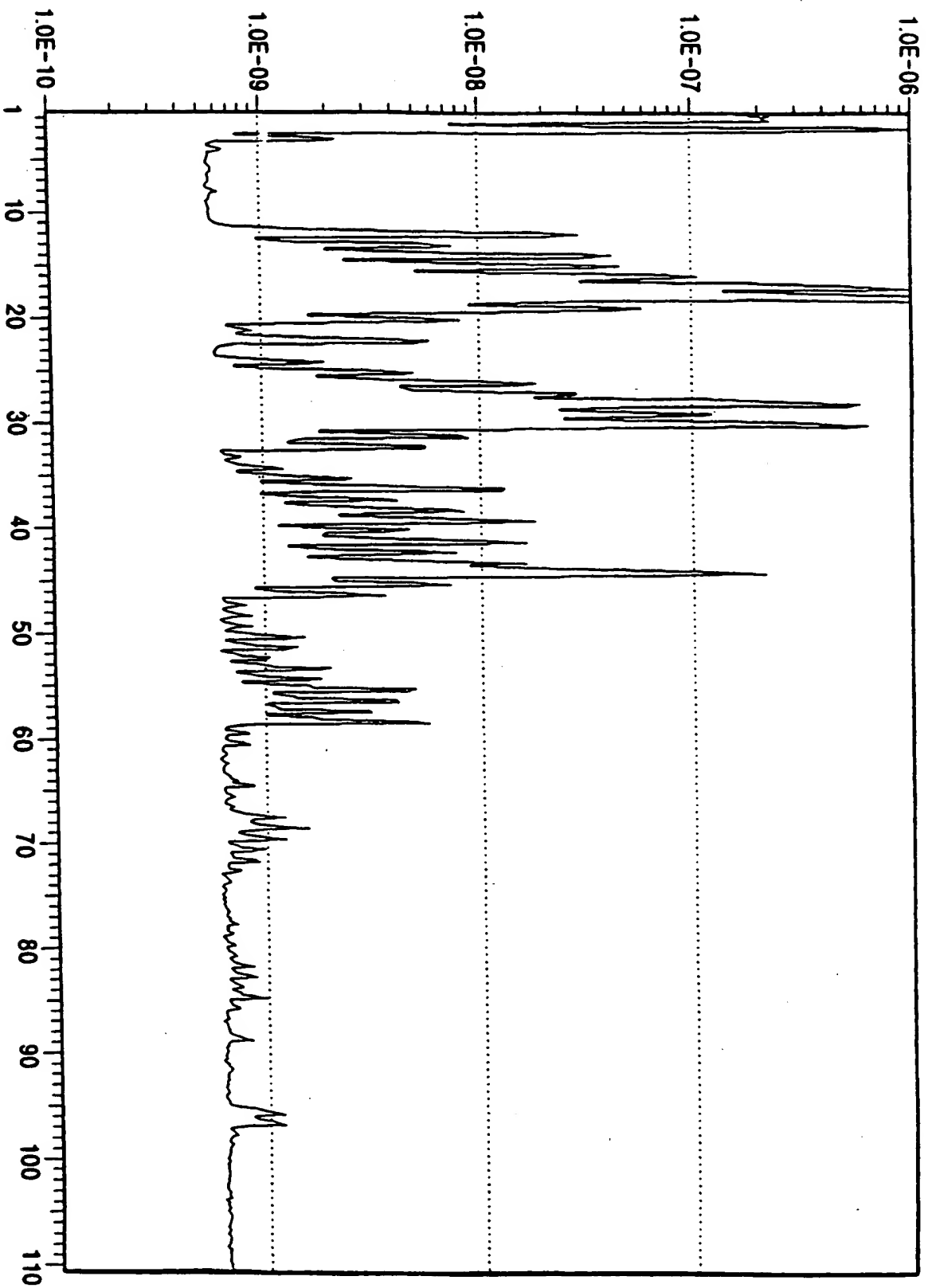


FIG. 25A

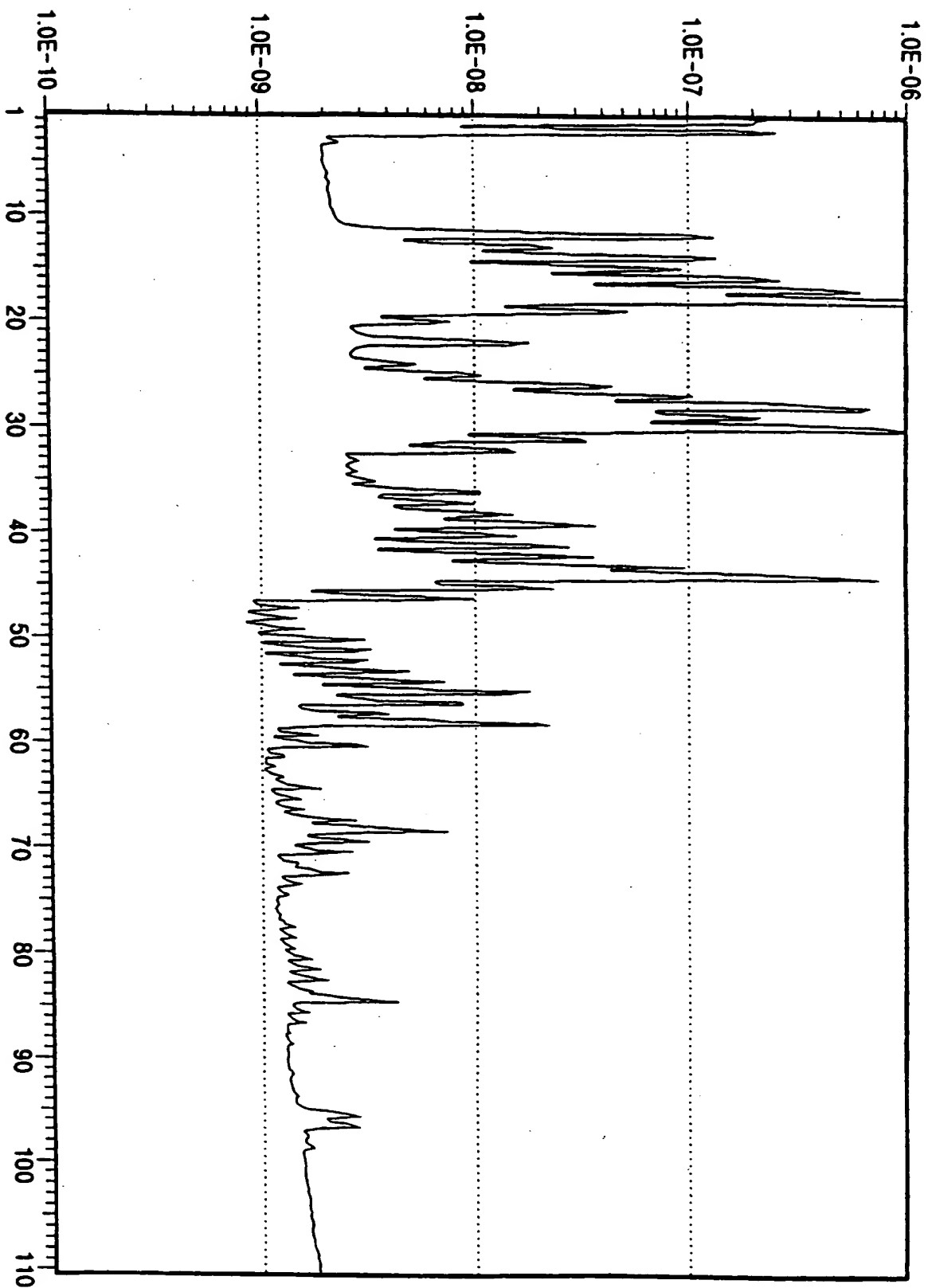


FIG. 25B

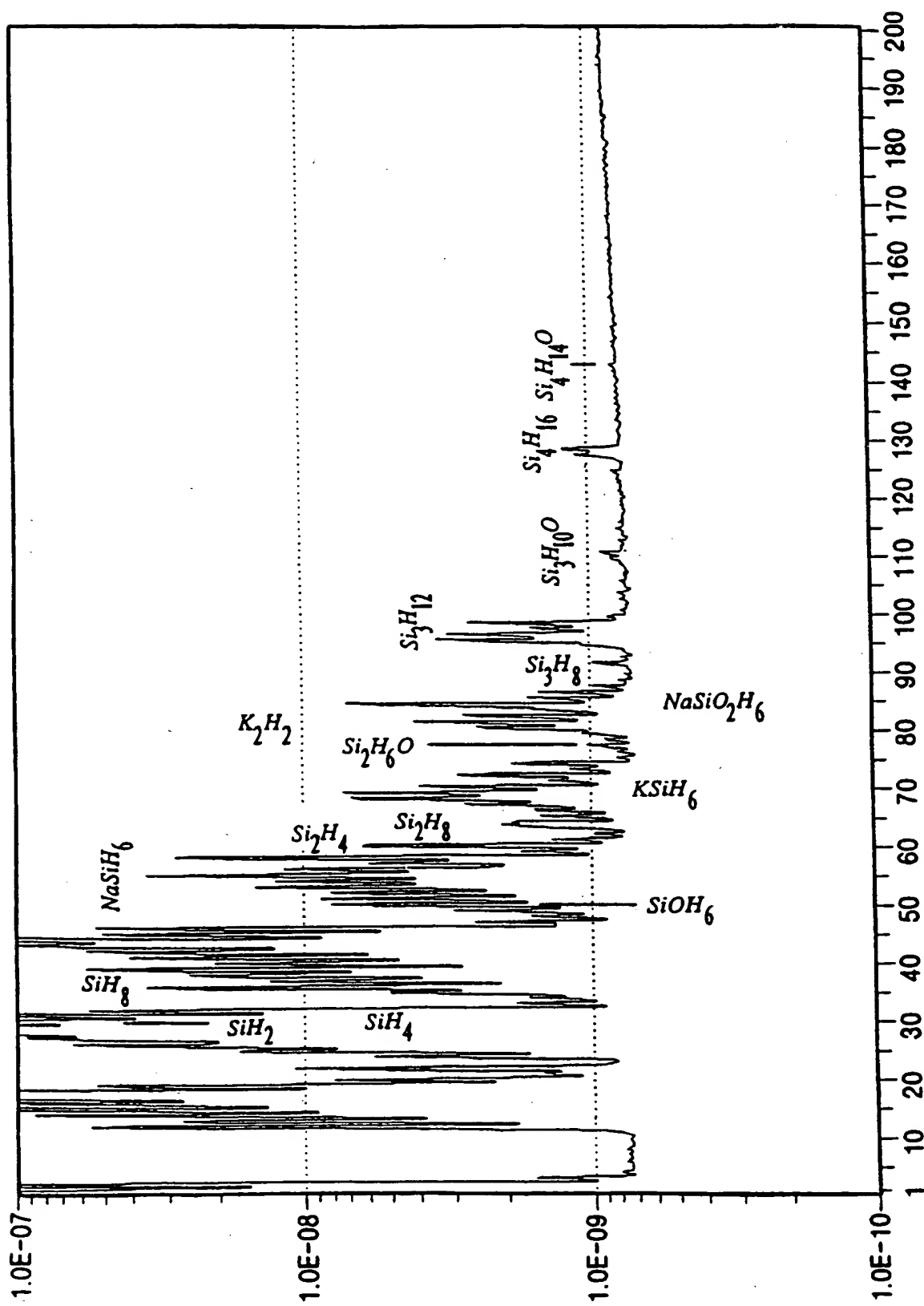


FIG. 25D

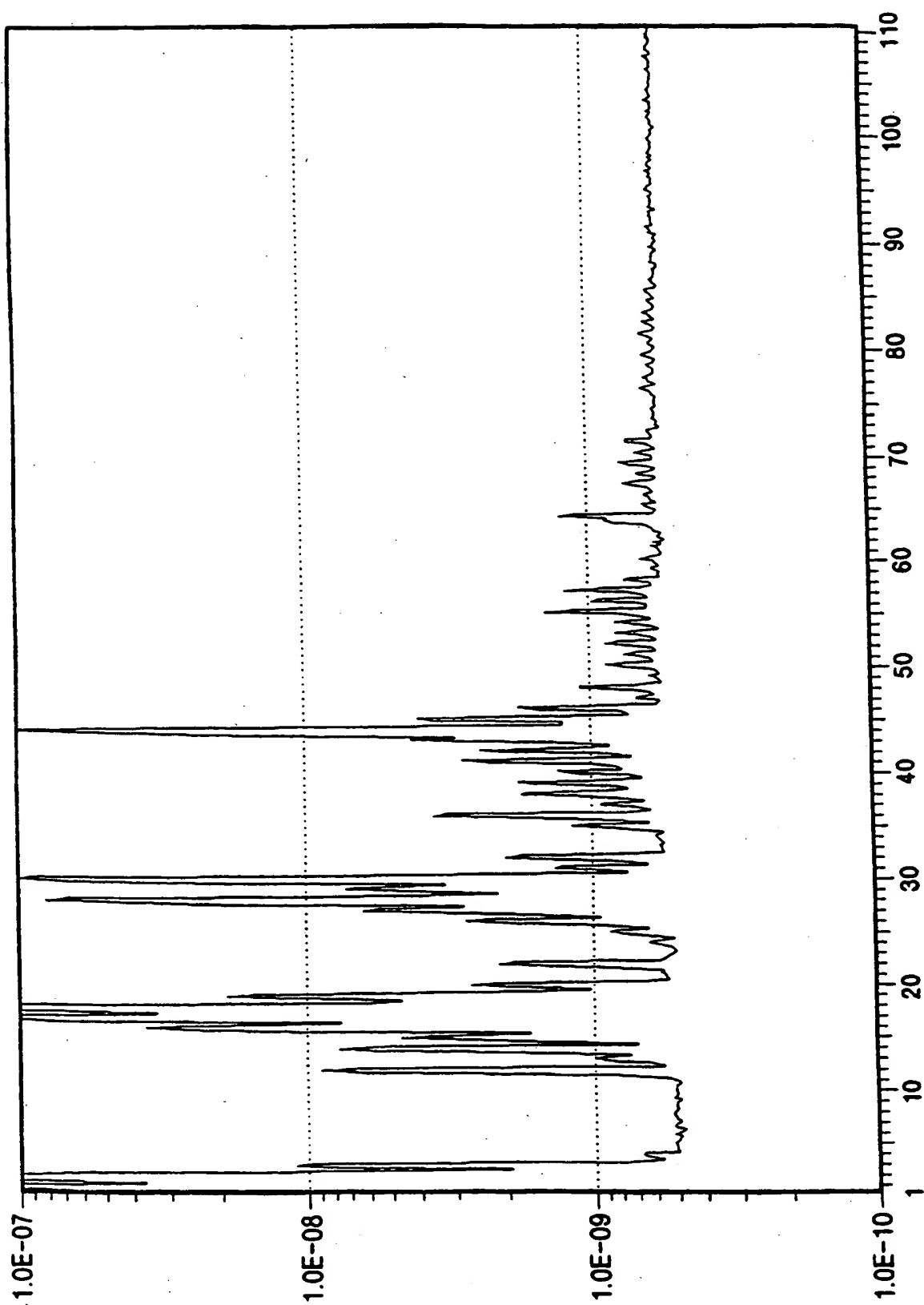


FIG. 26A

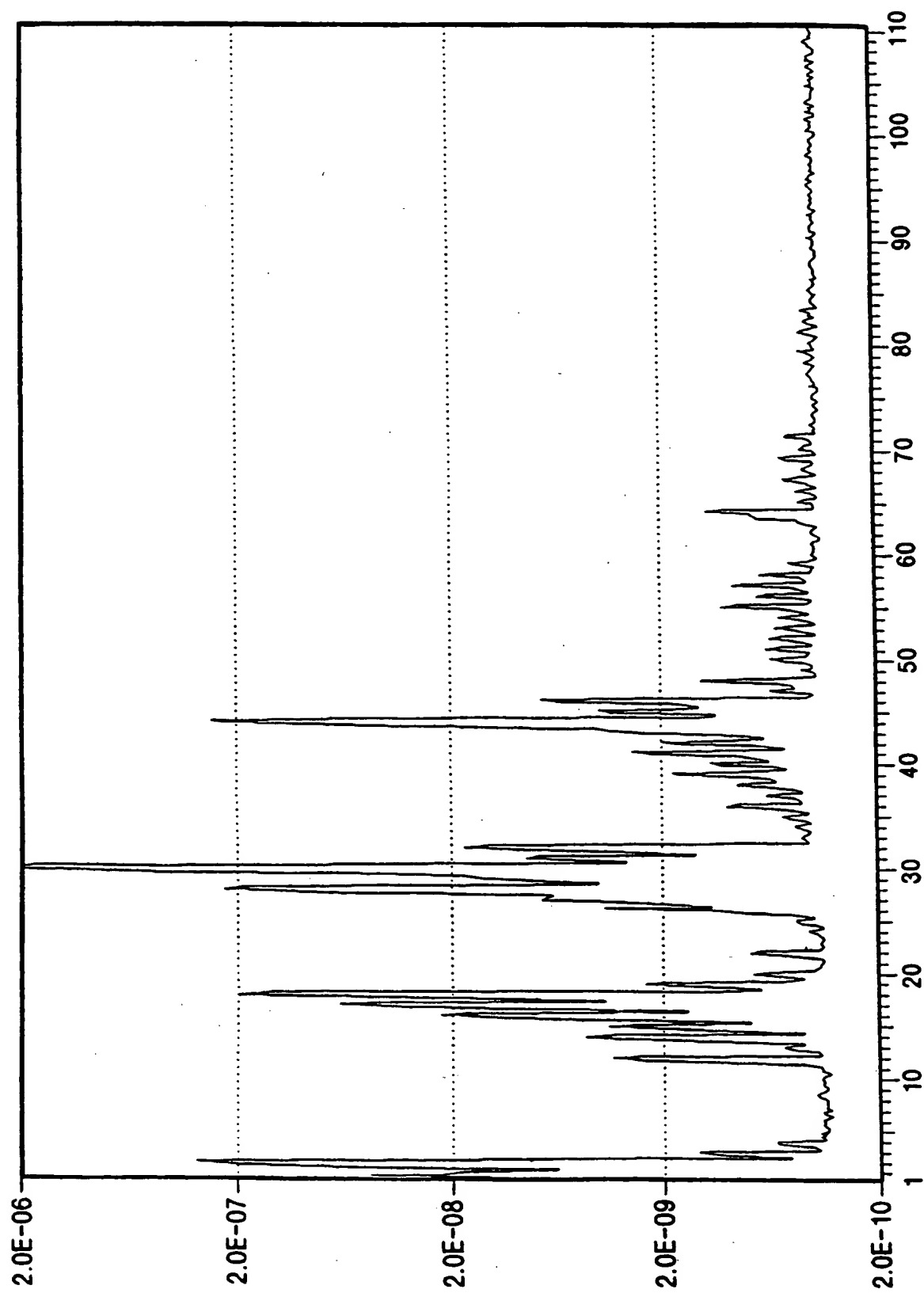


FIG. 26B

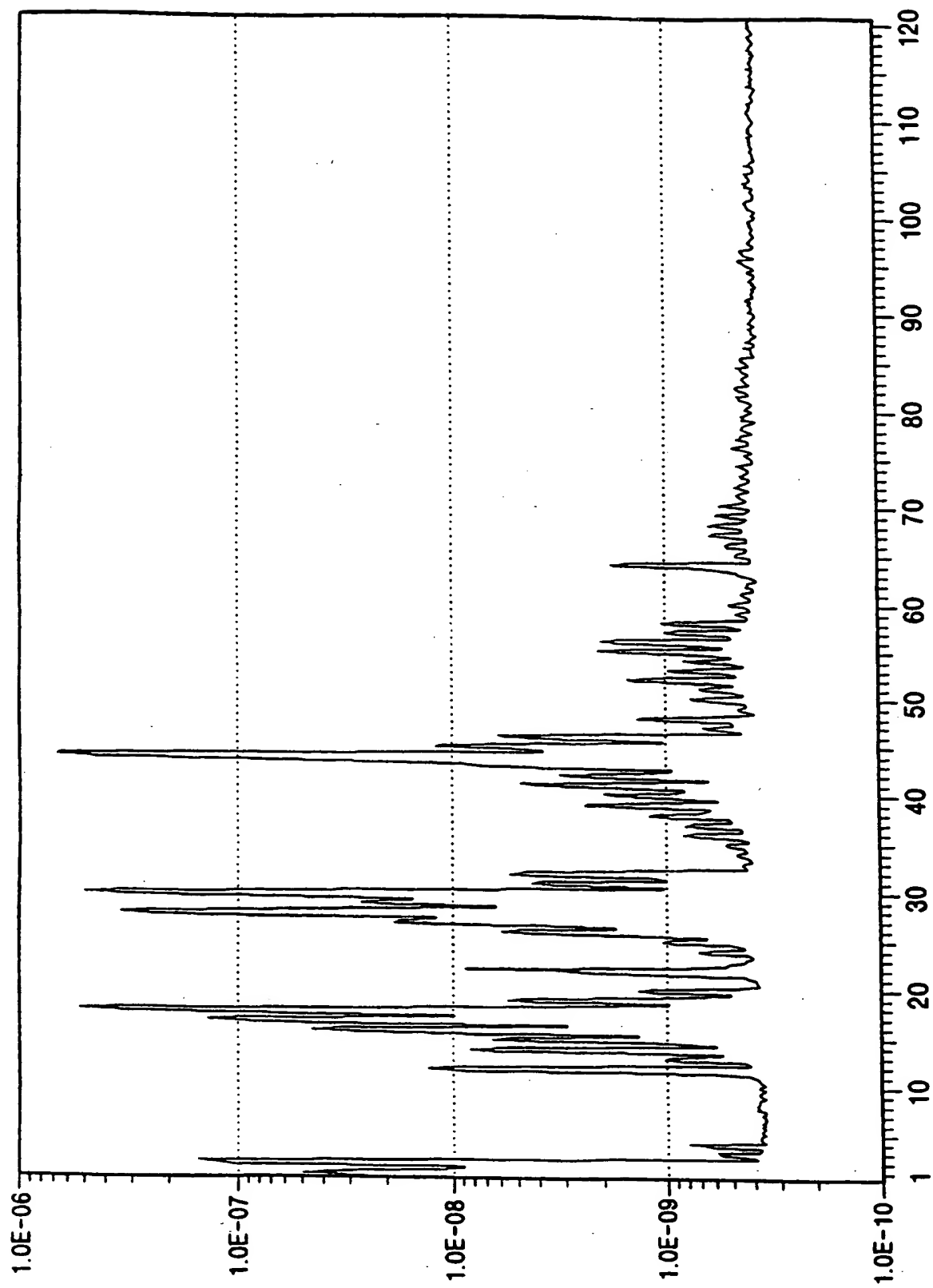


FIG. 26C

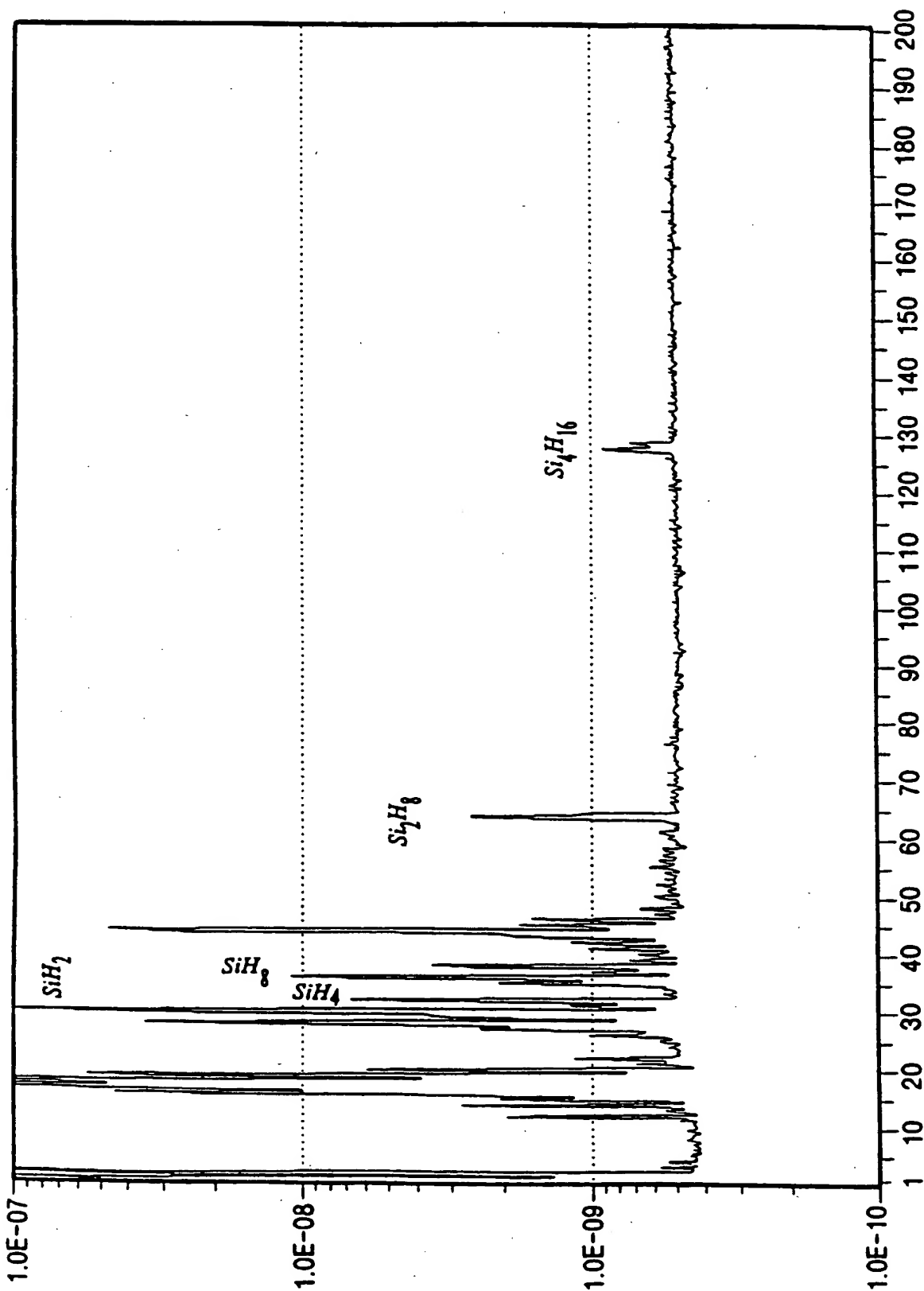


FIG. 26D

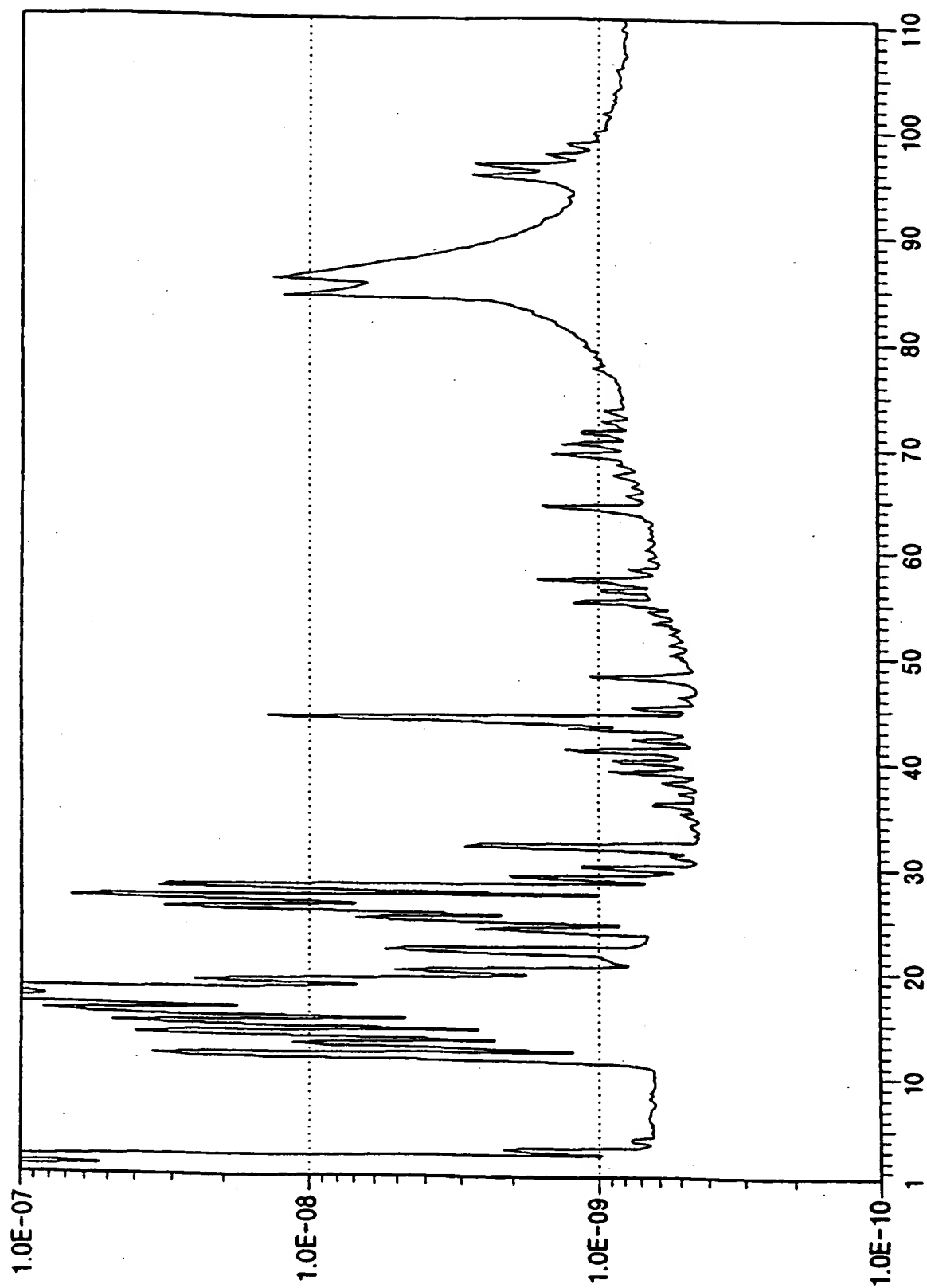


FIG. 27

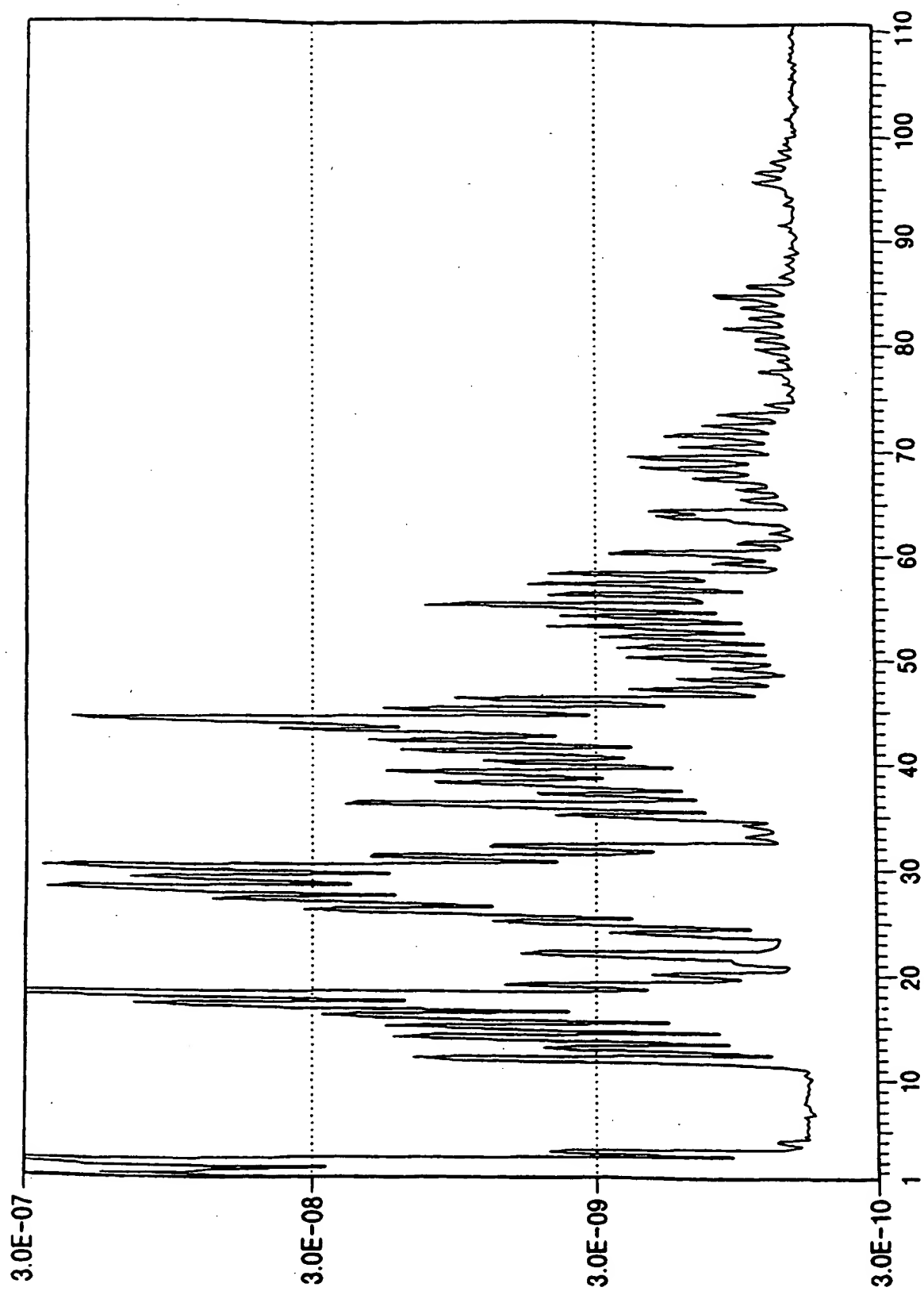


FIG. 28A

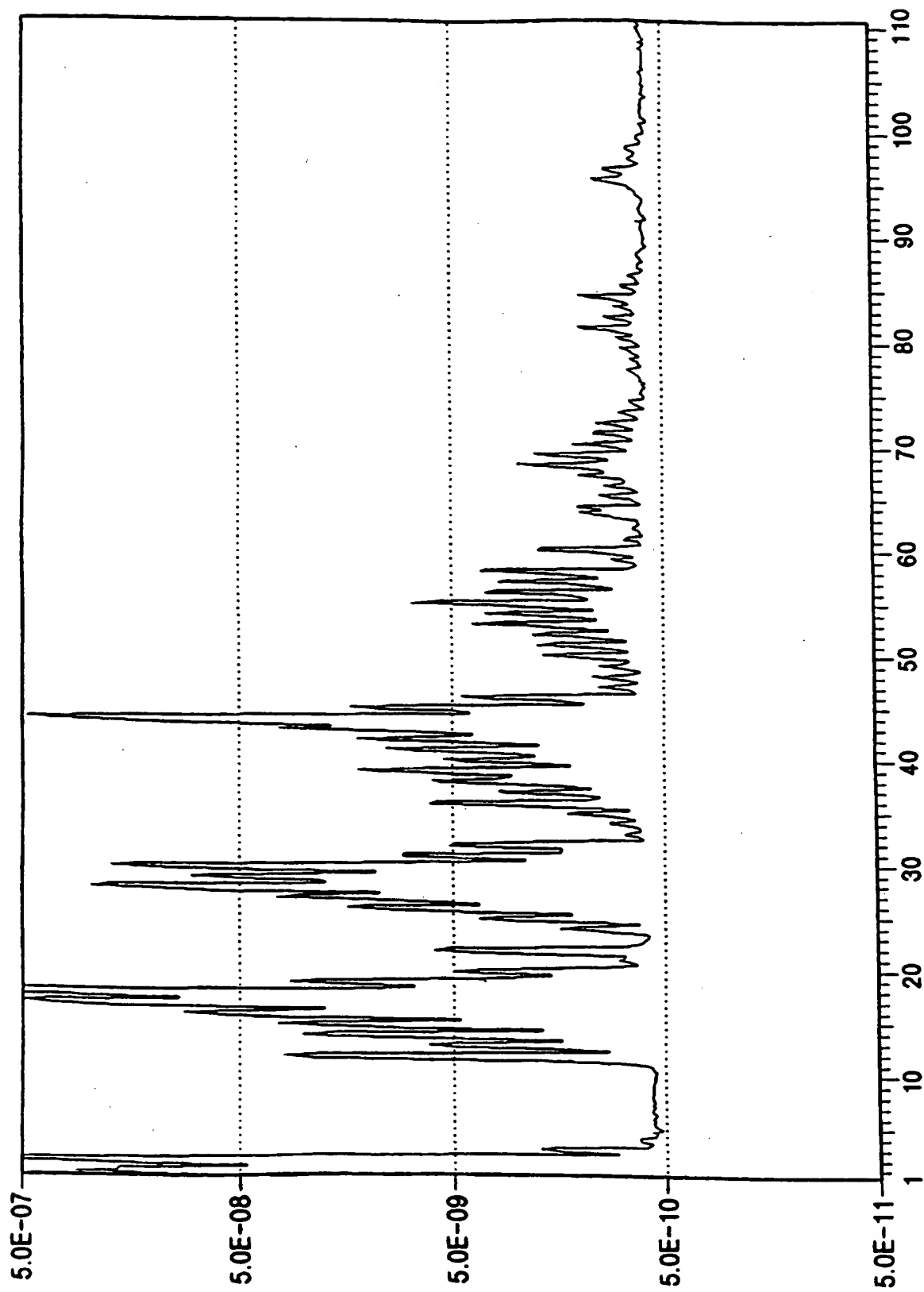


FIG. 28B

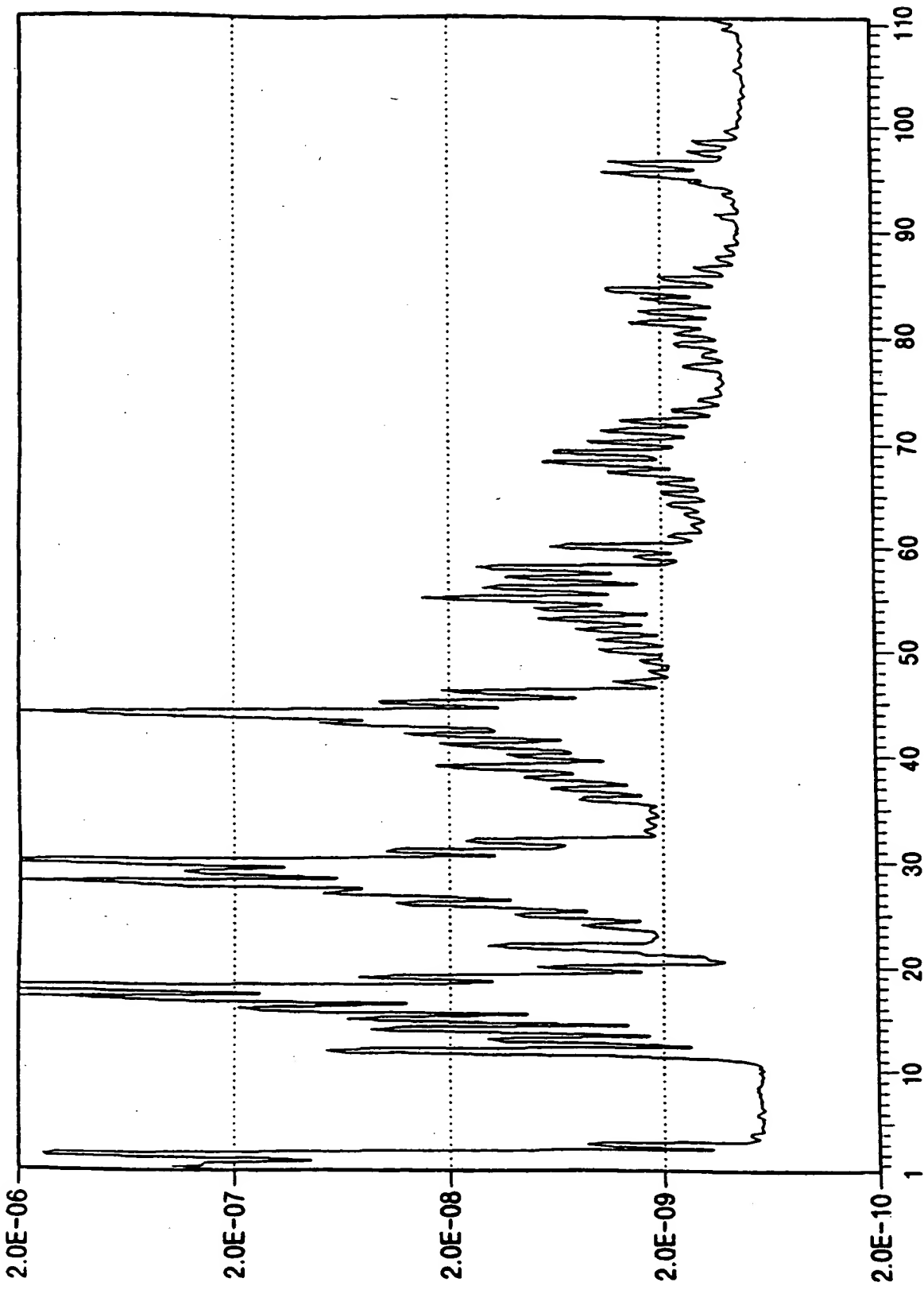


FIG. 29

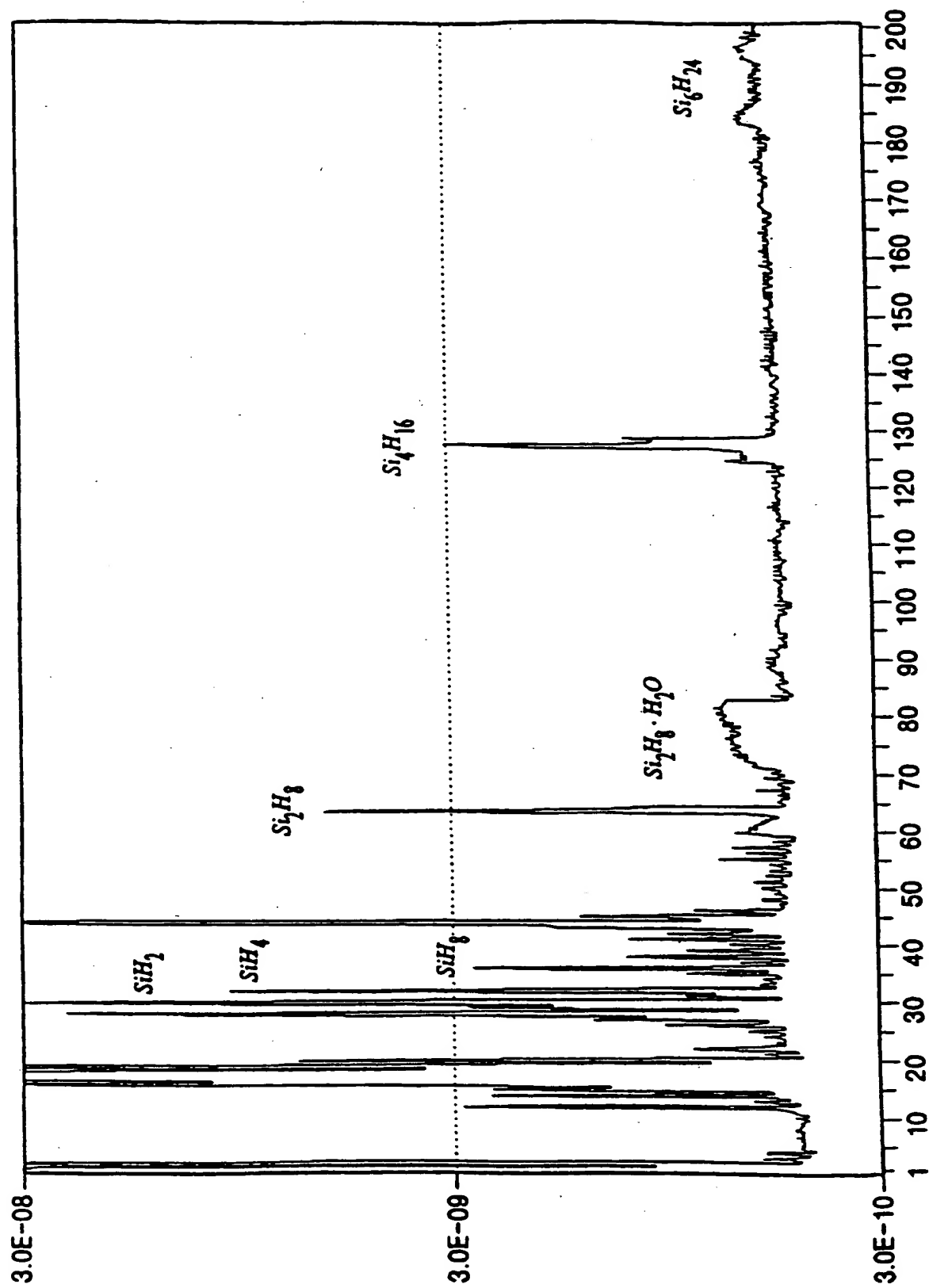


FIG. 30A

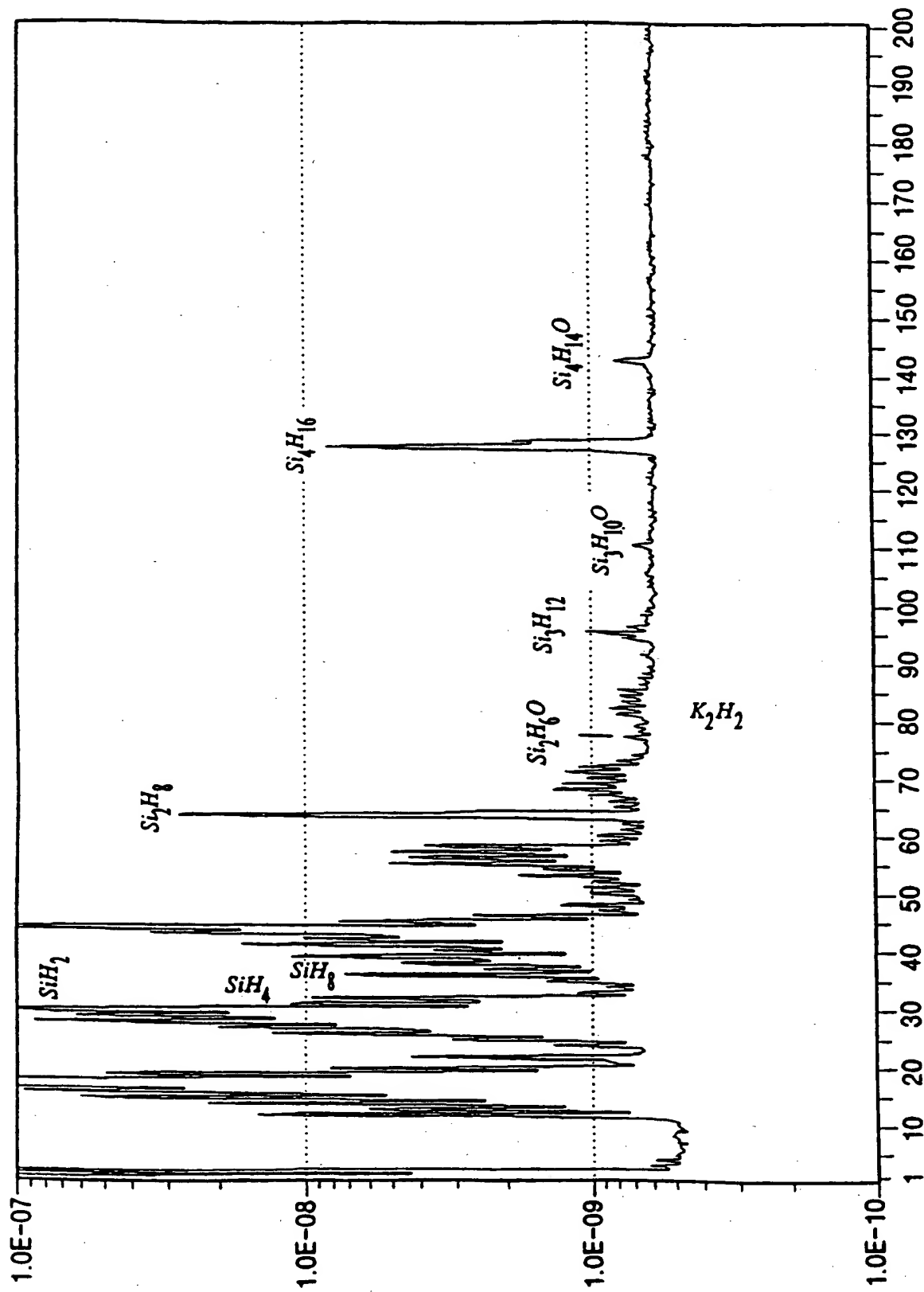


FIG. 30B

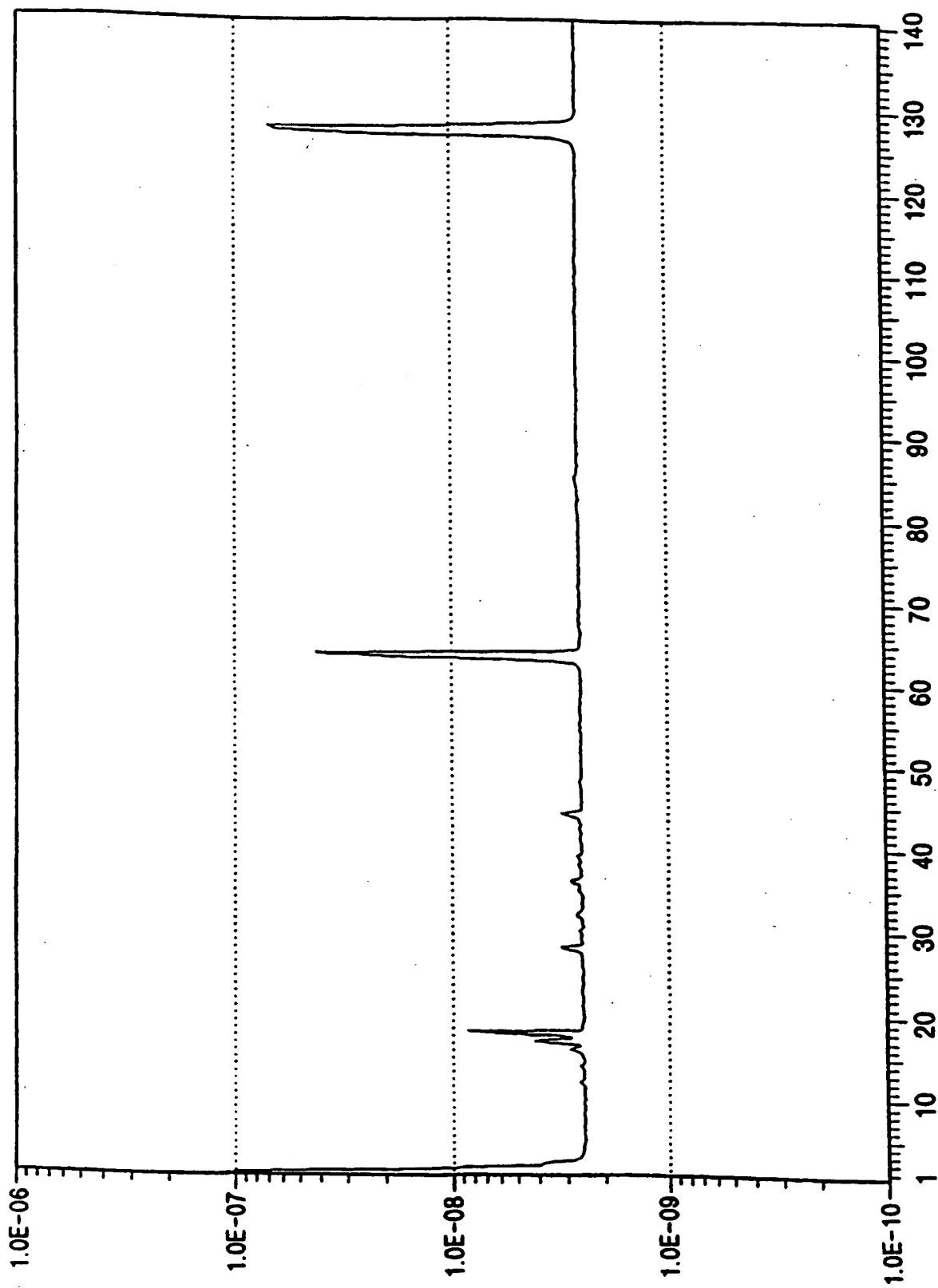


FIG. 31

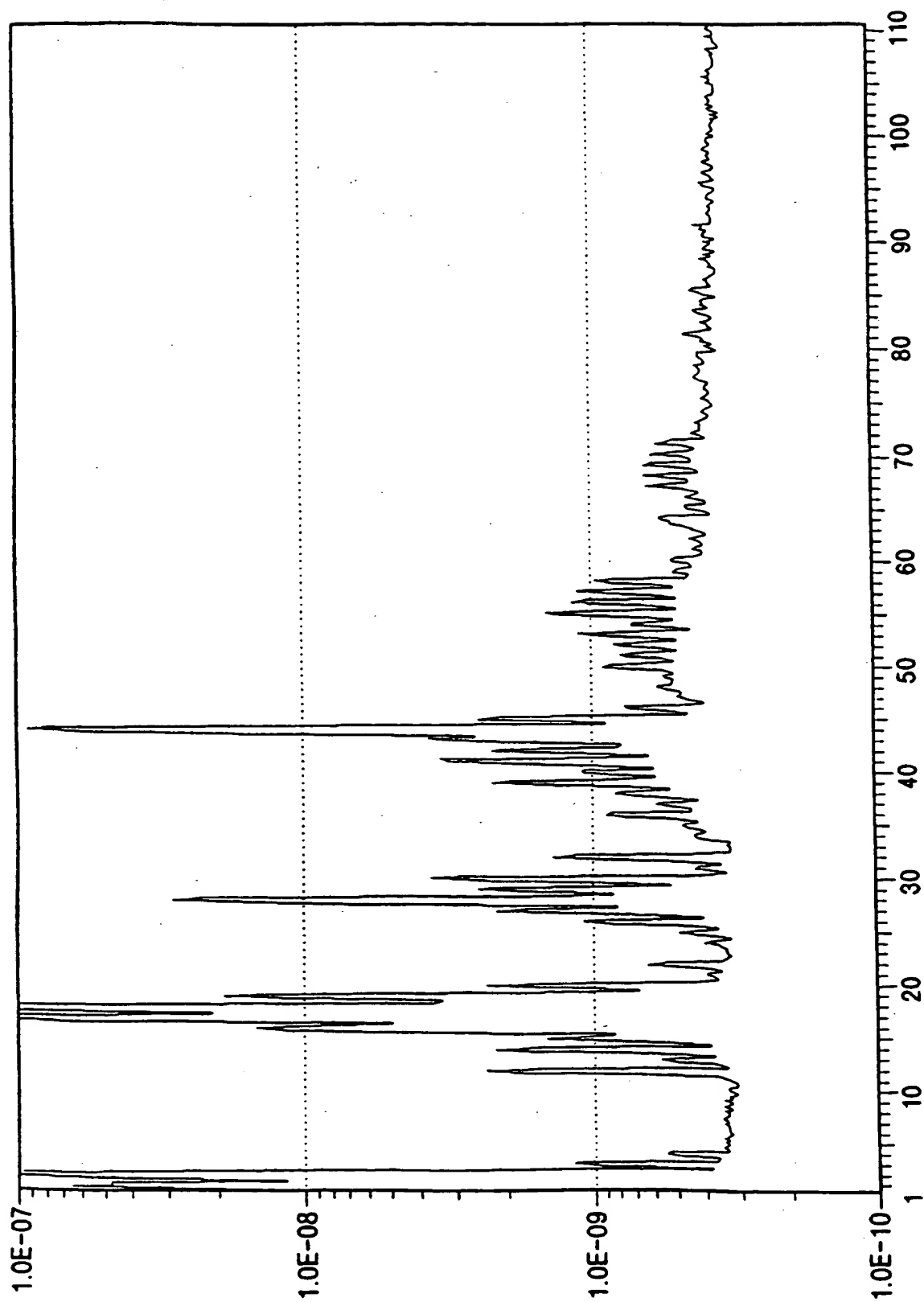


FIG. 32

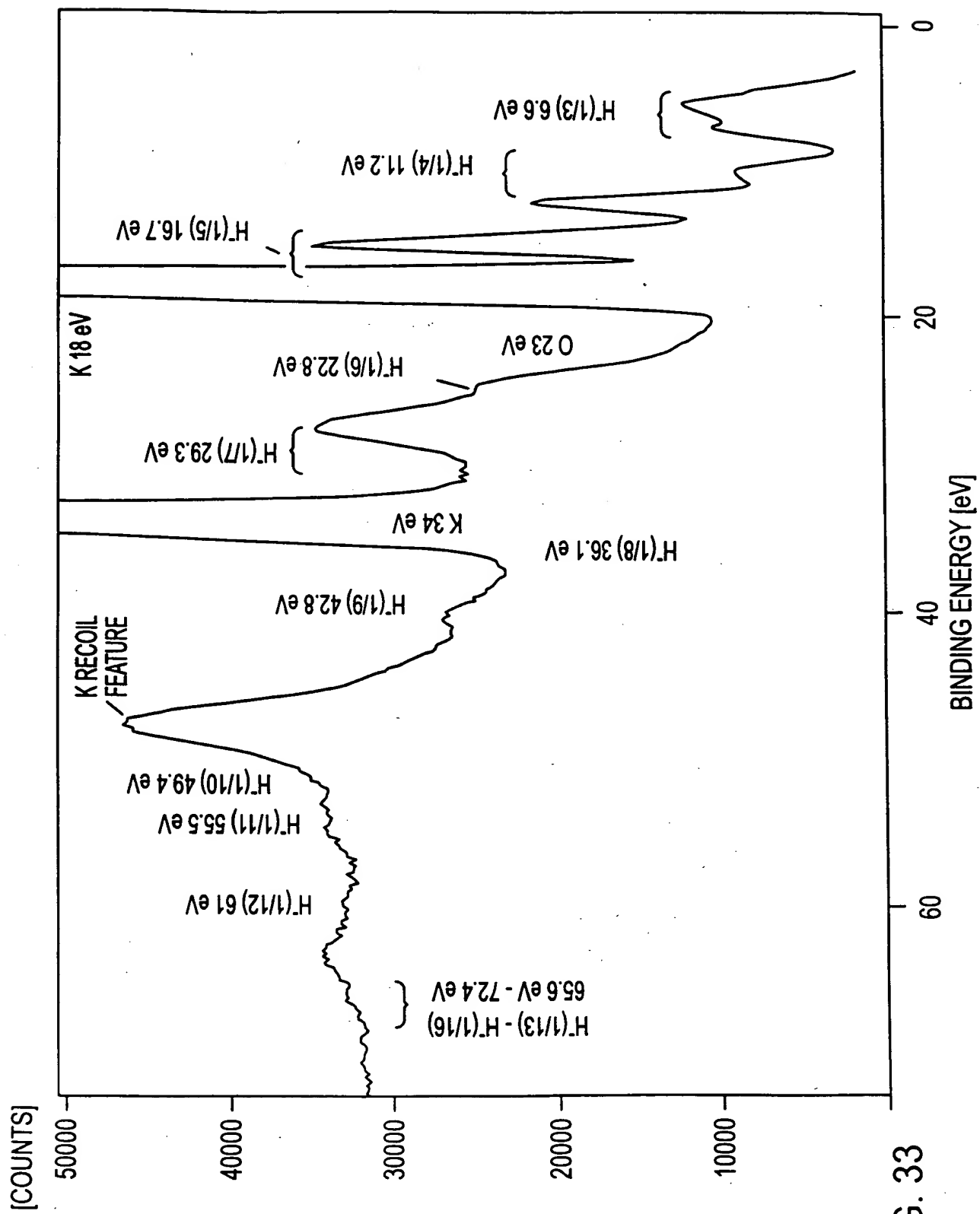


FIG. 33

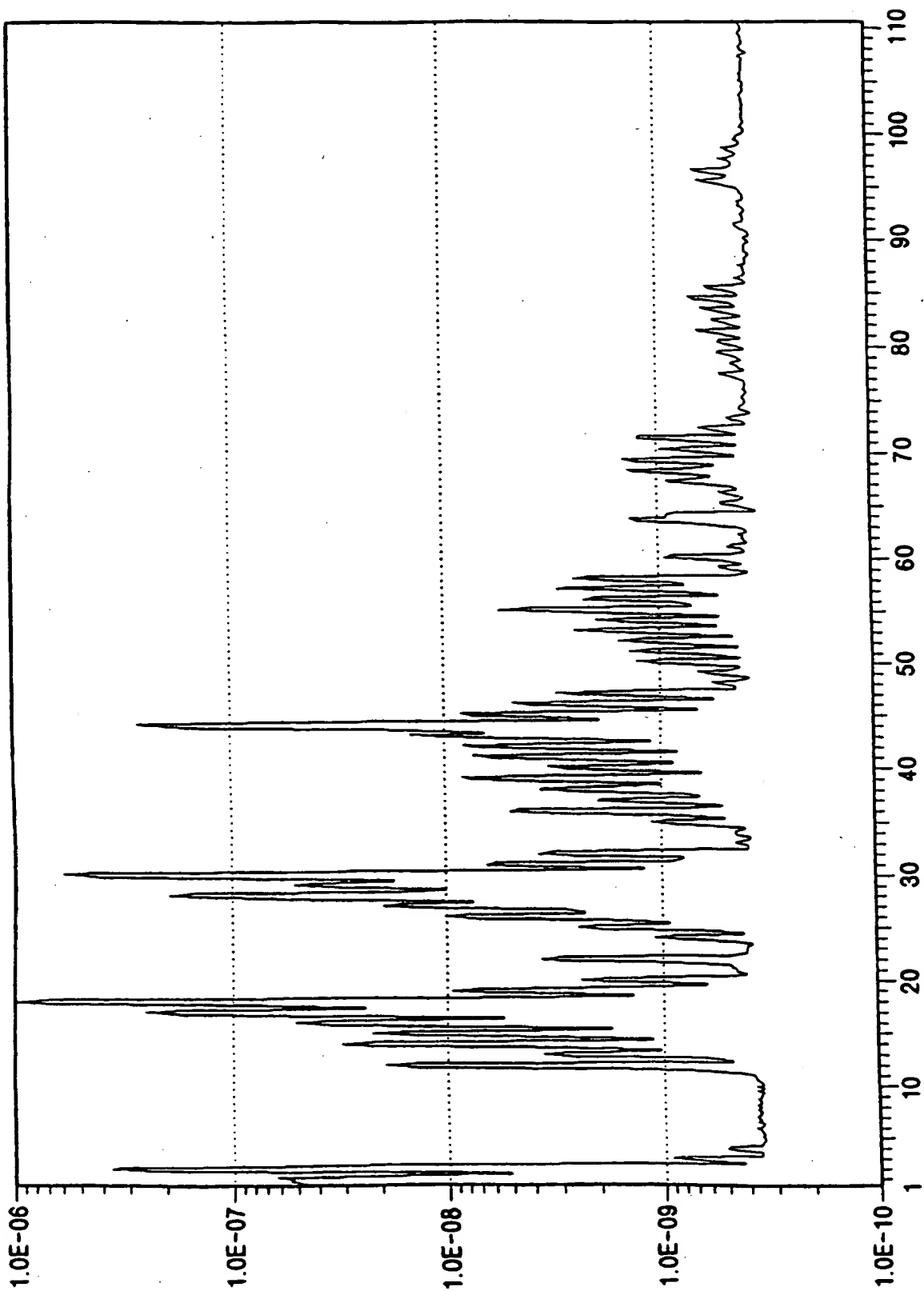


FIG. 34A

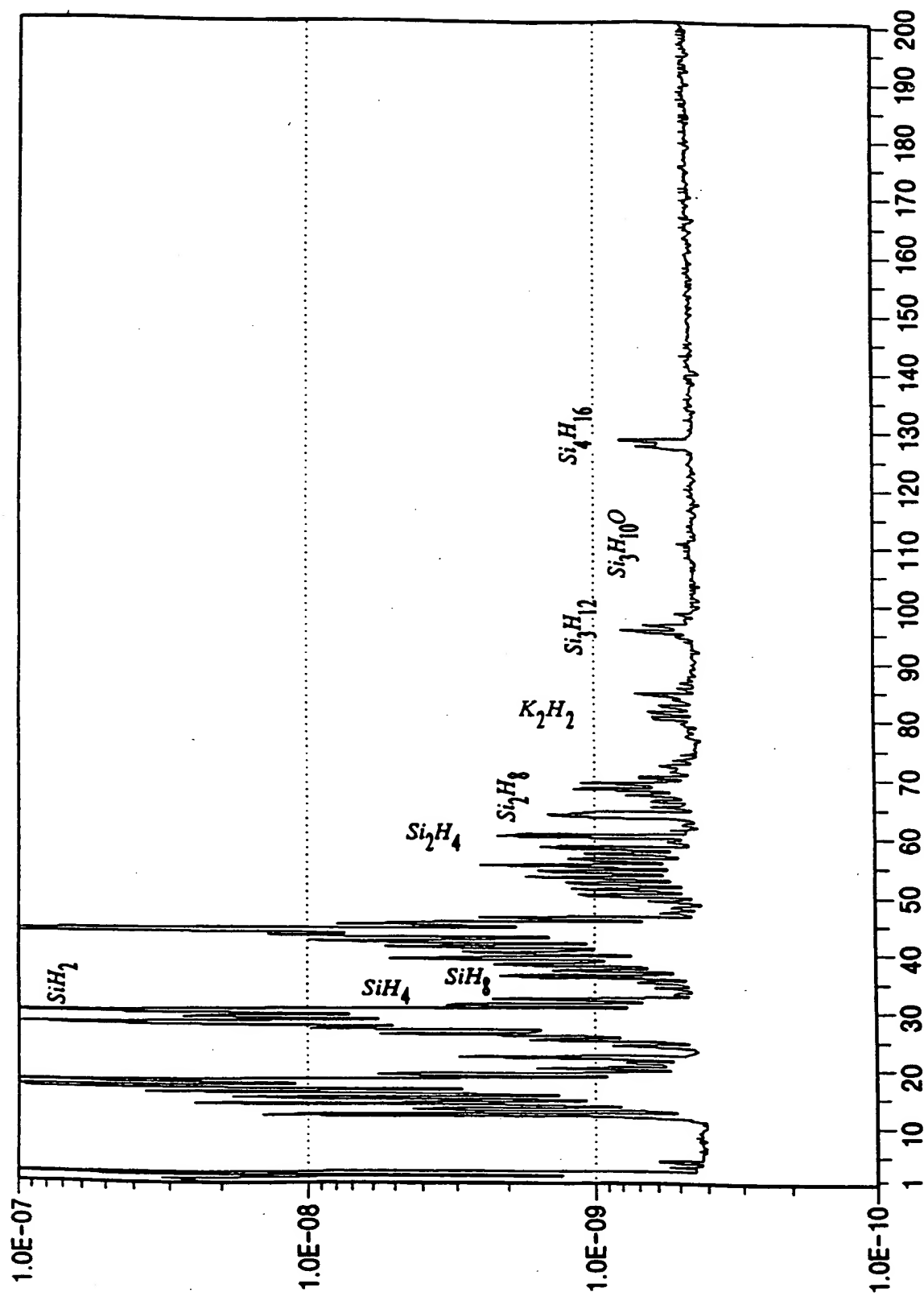


FIG. 34B

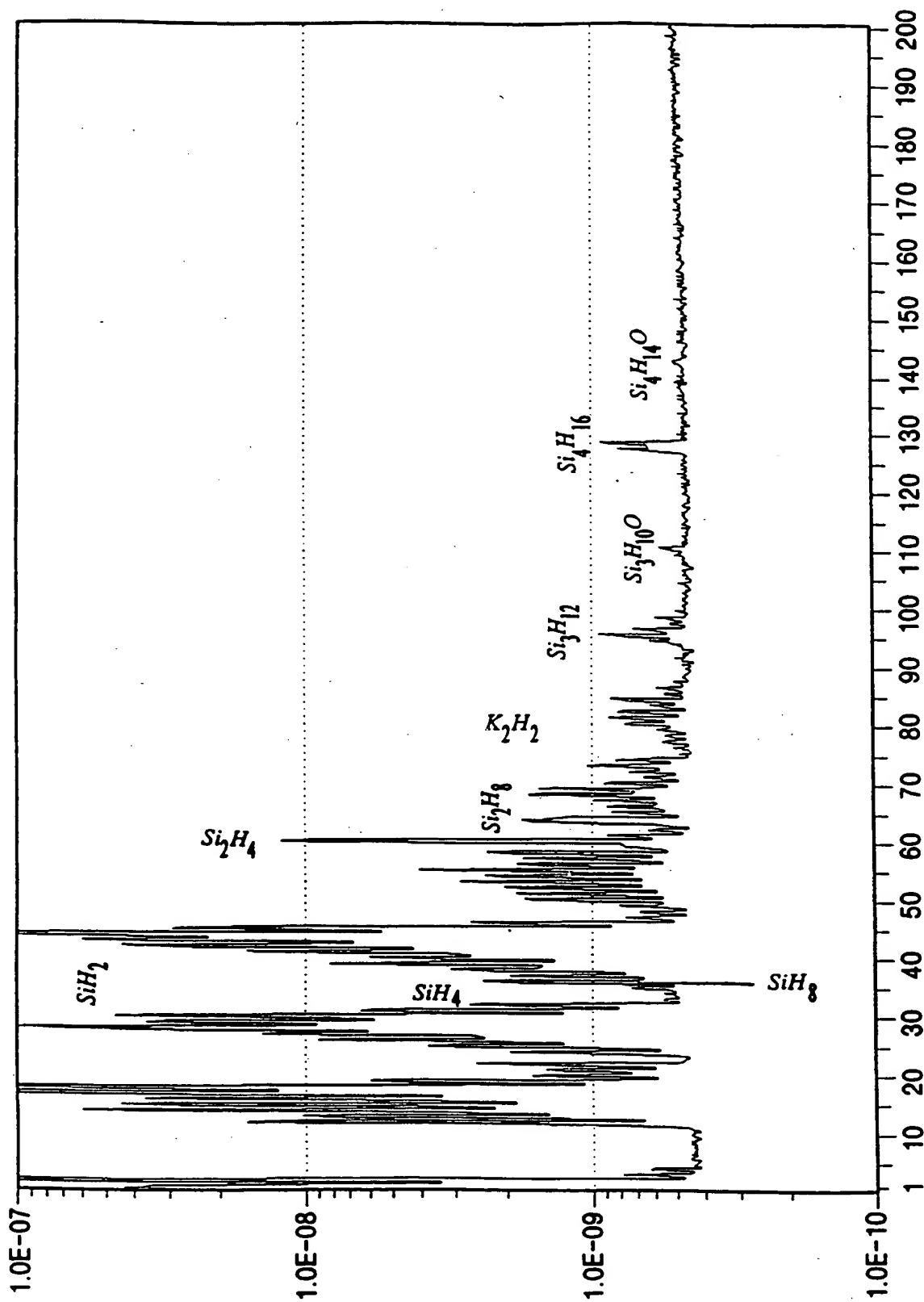


FIG. 34C

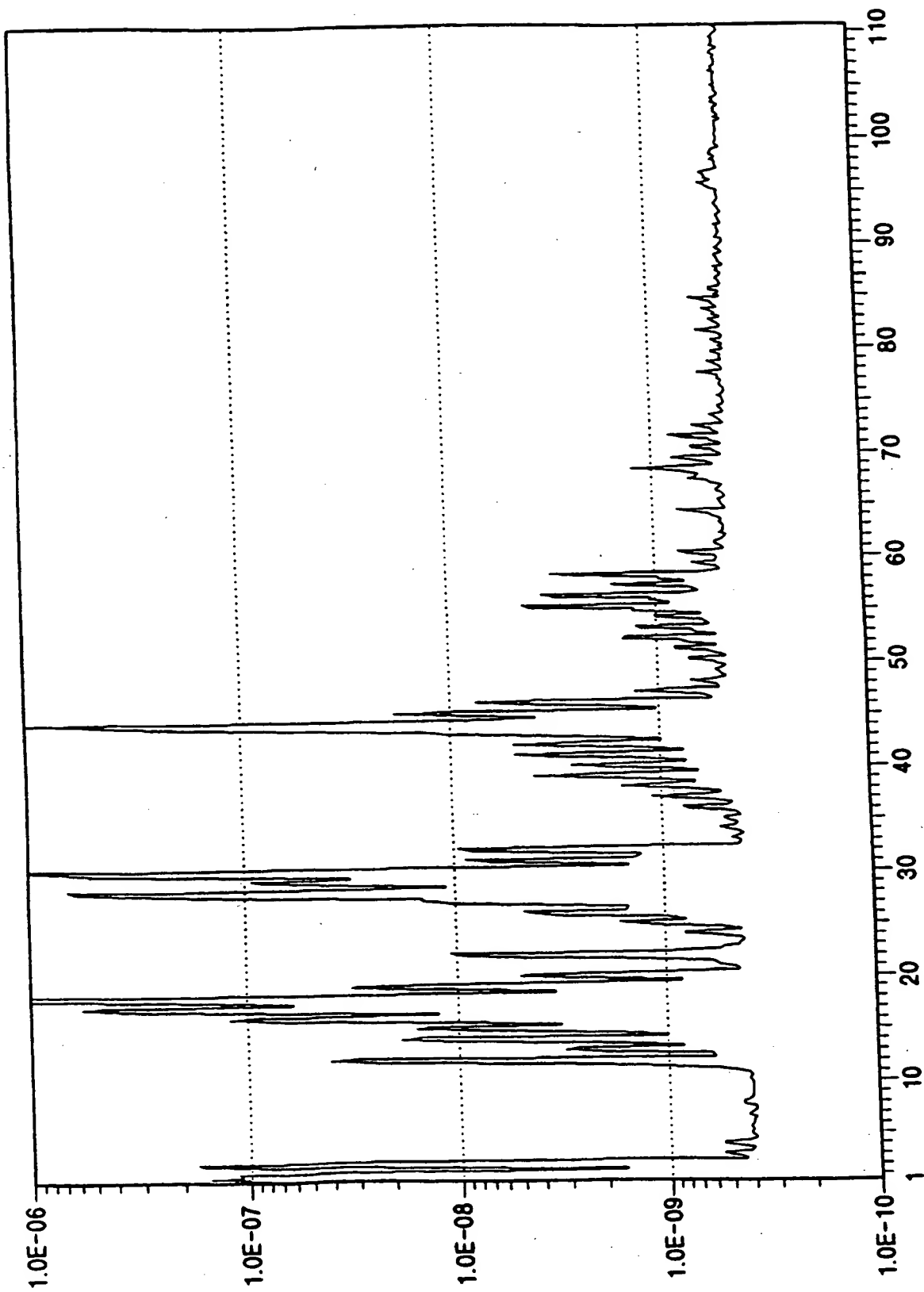


FIG. 35

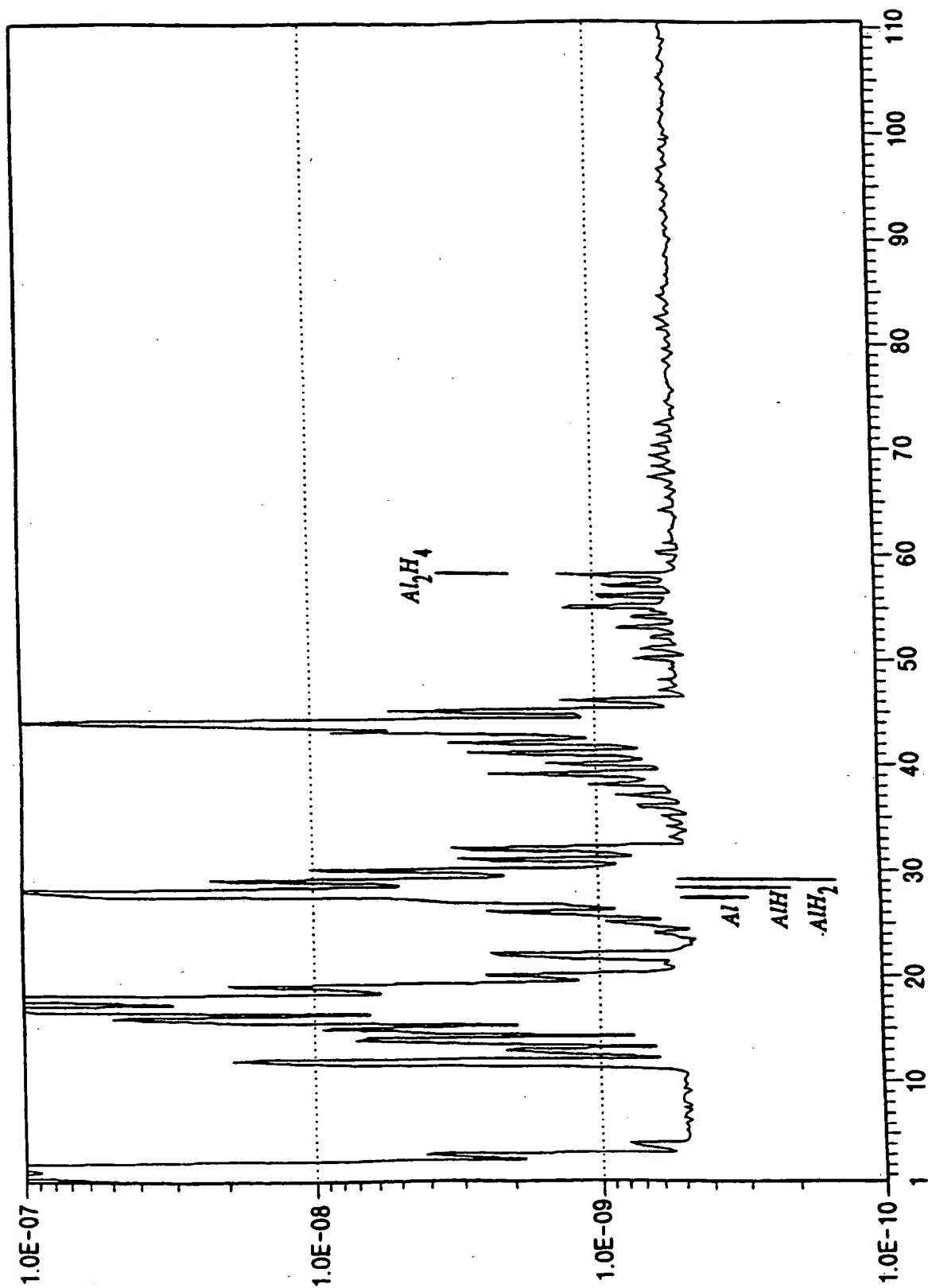


FIG. 36

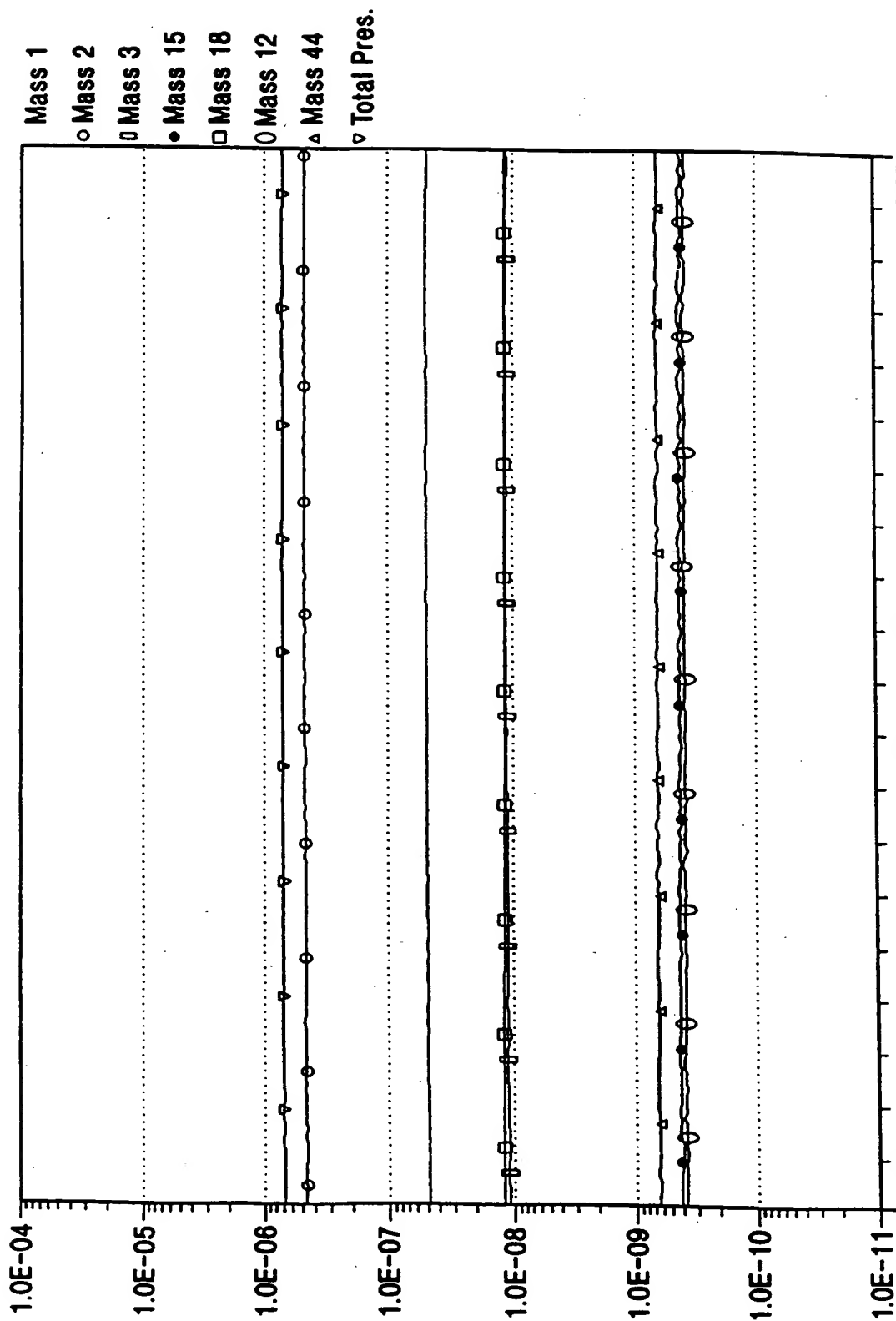


FIG. 37

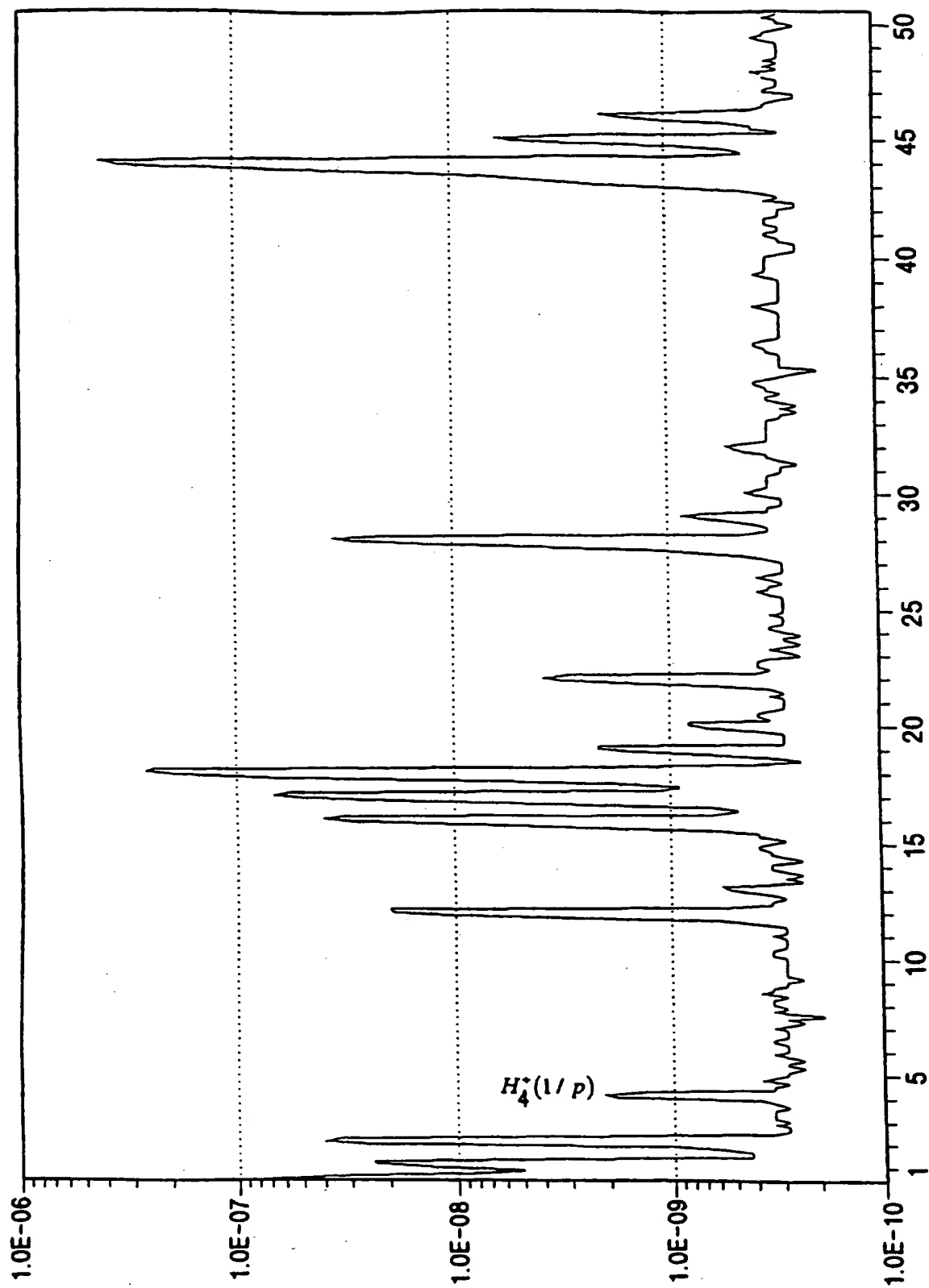


FIG. 38

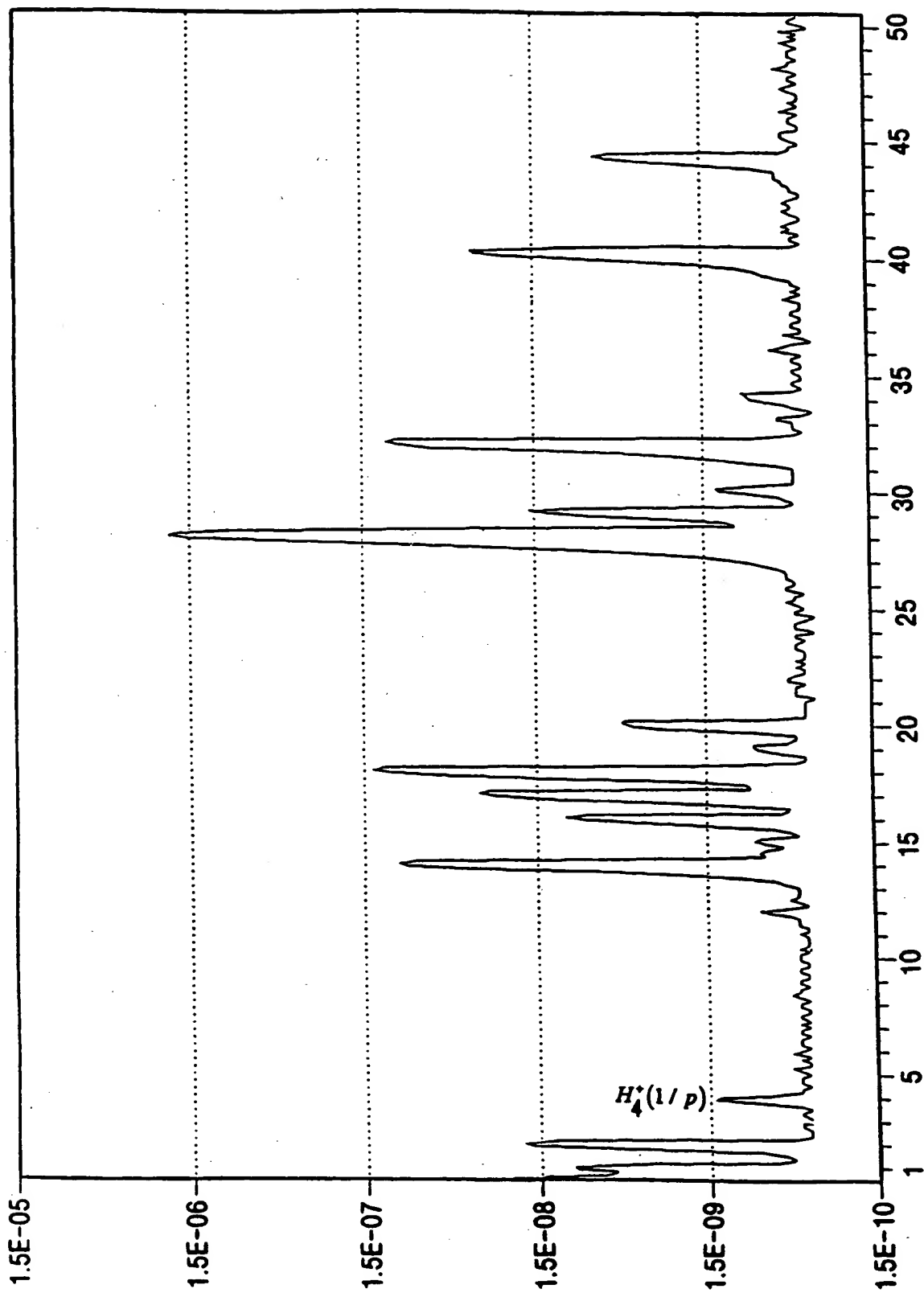


FIG. 39

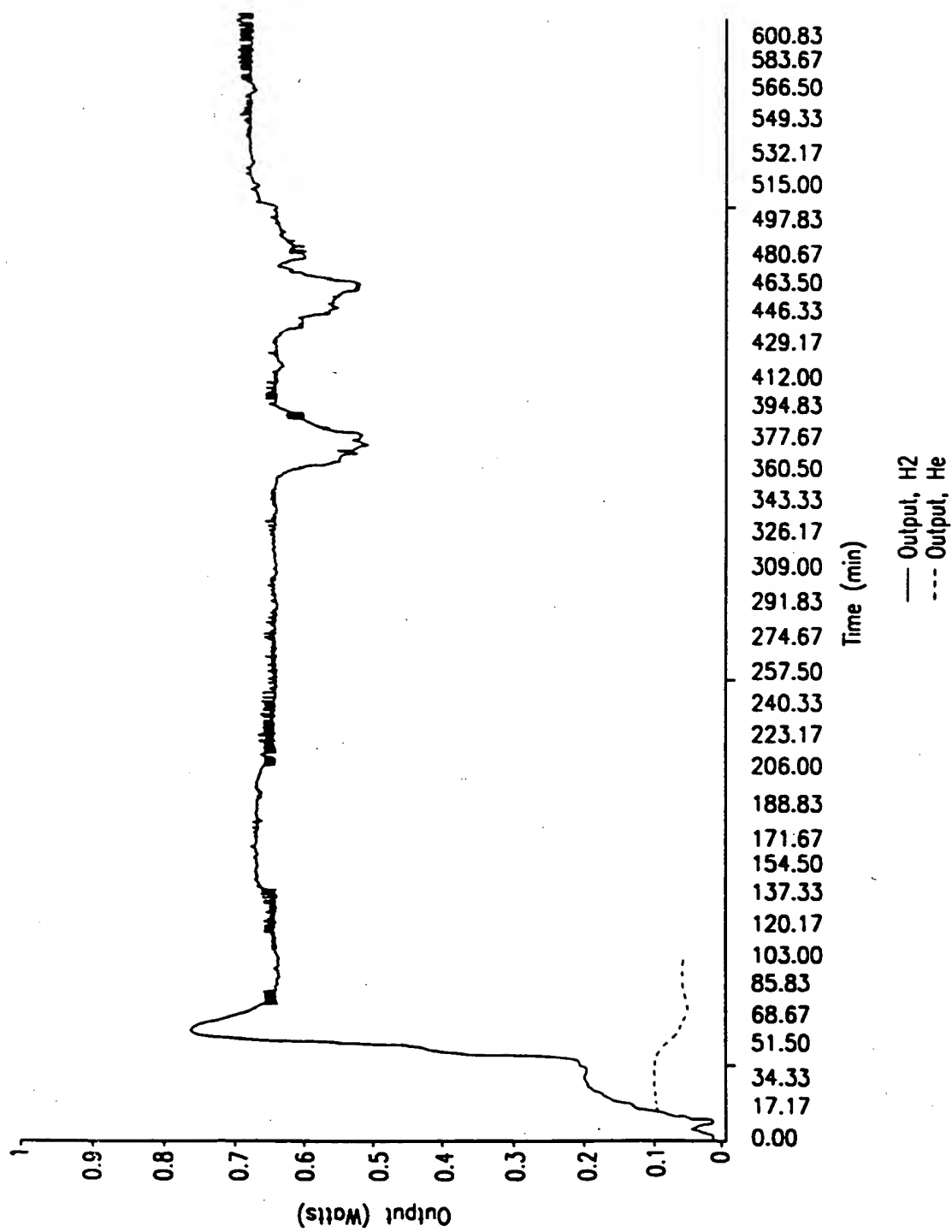


FIG. 40

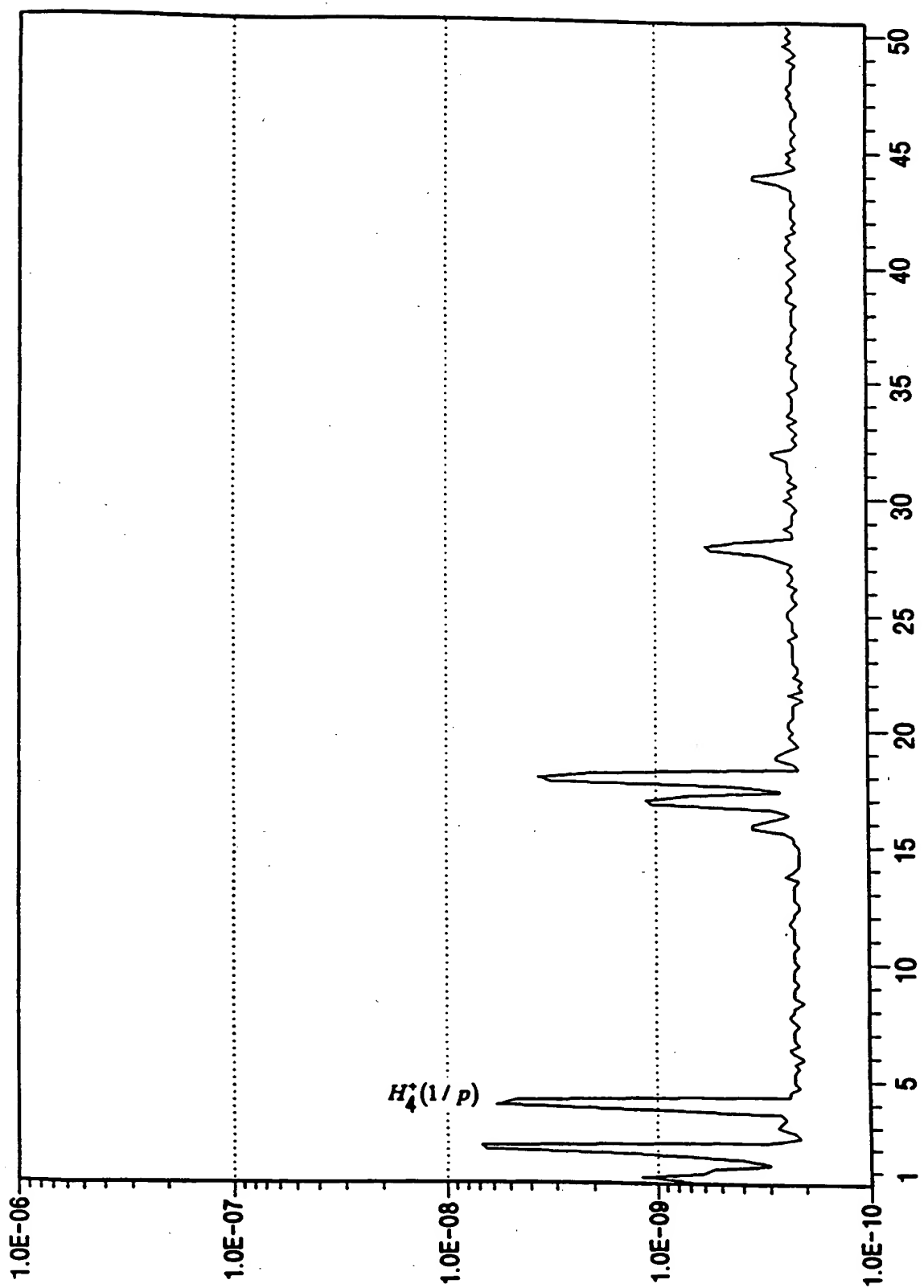


FIG. 41A

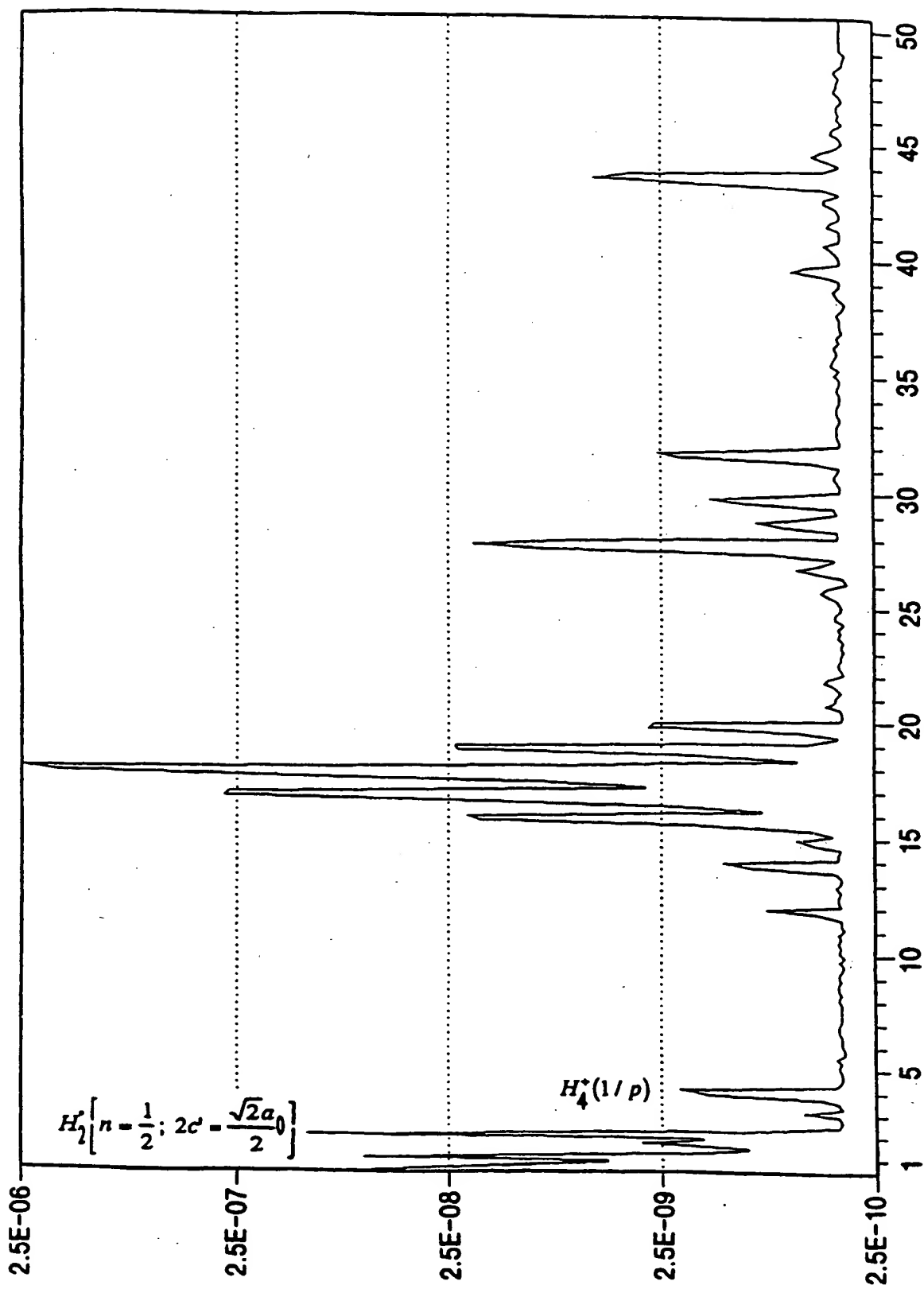


FIG. 41B

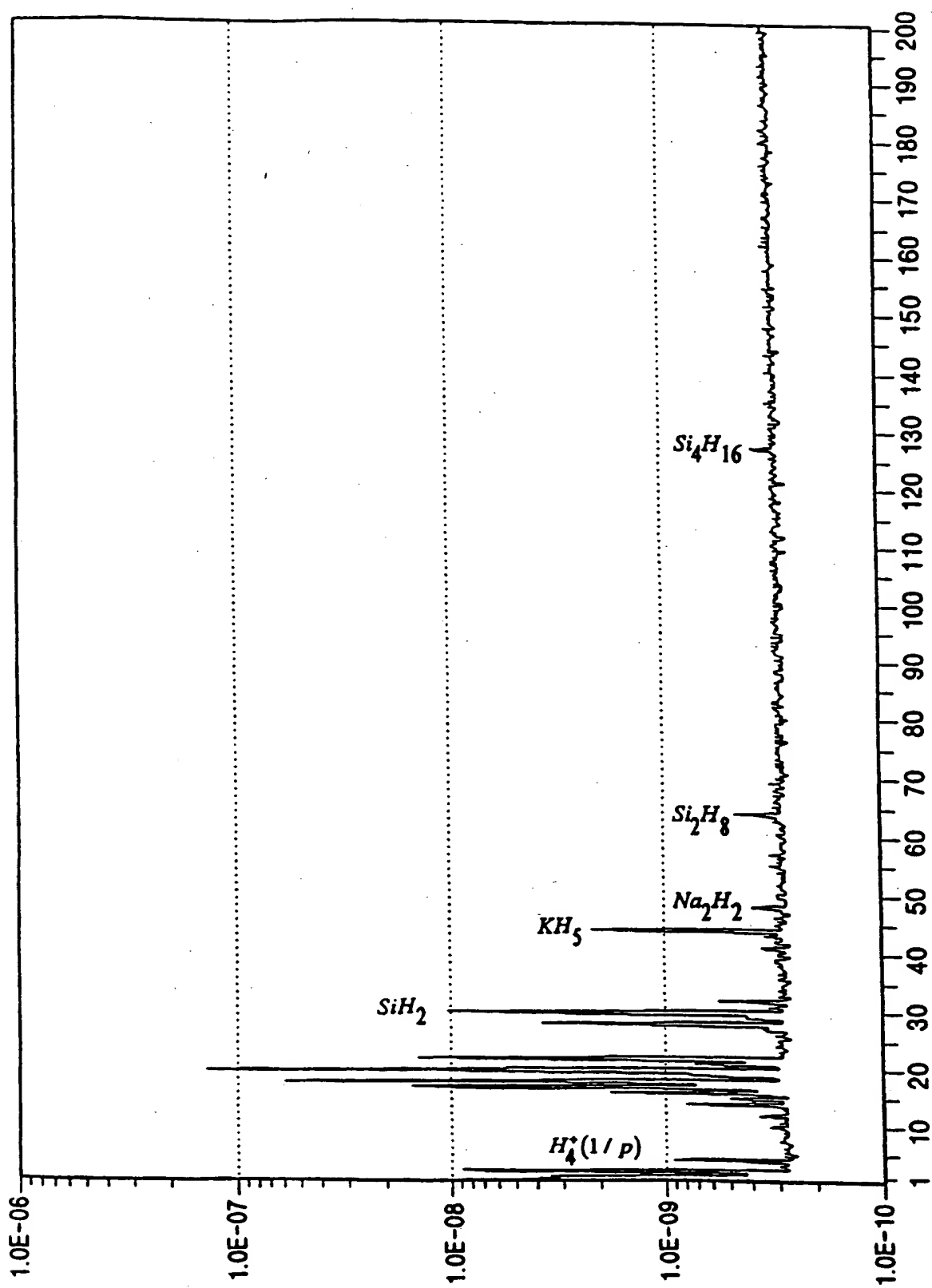
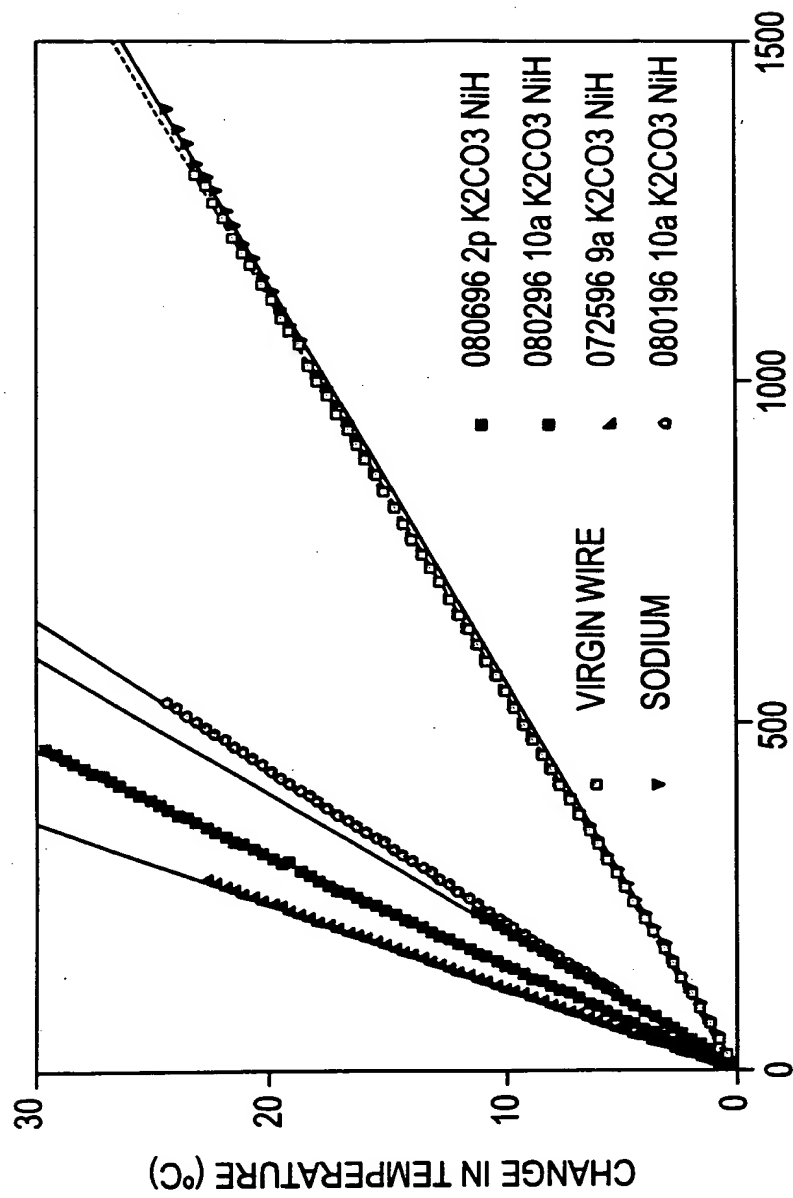


FIG. 42



INTEGRATED ENERGY (kJ)

FIG. 43

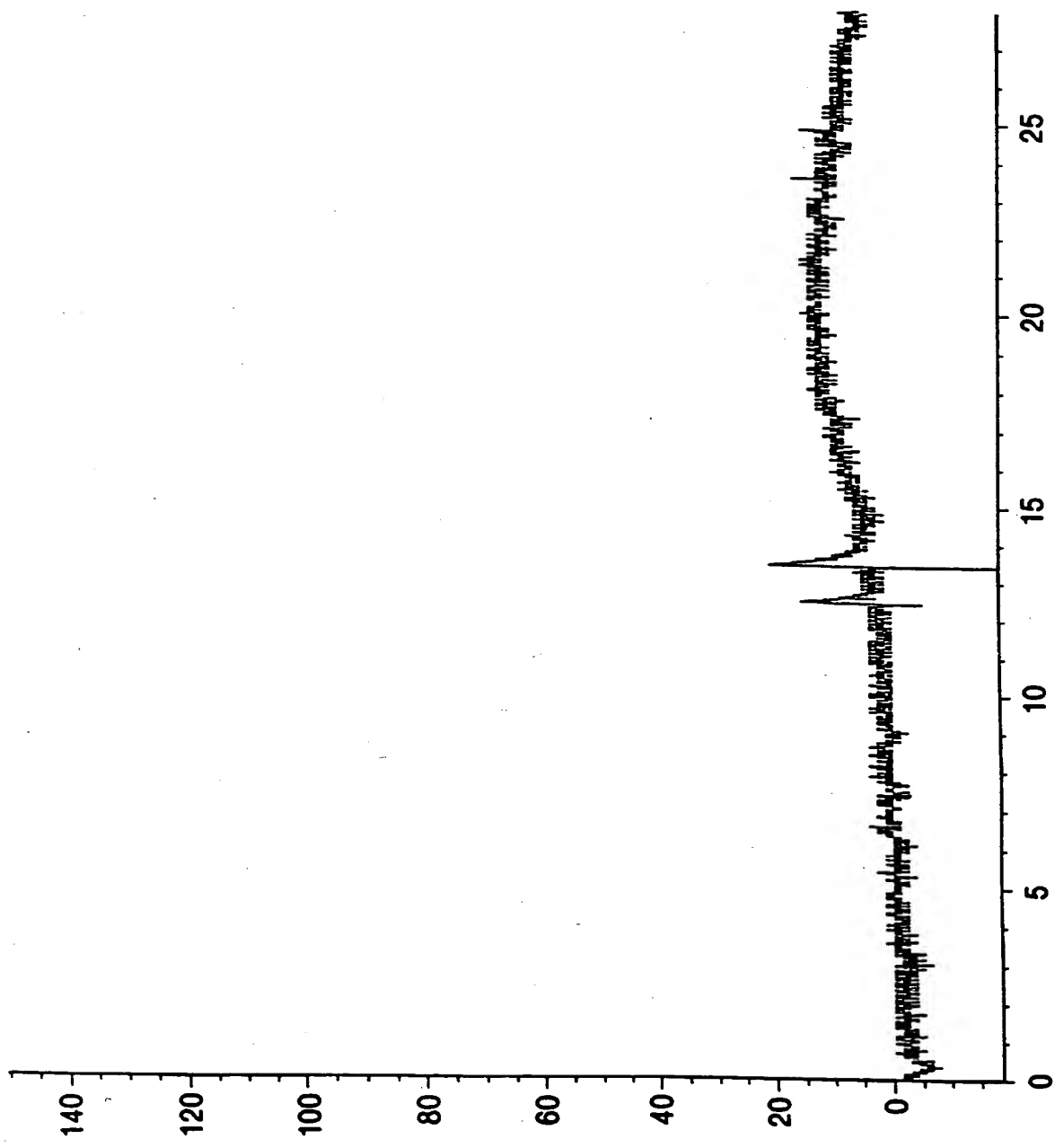


FIG. 44

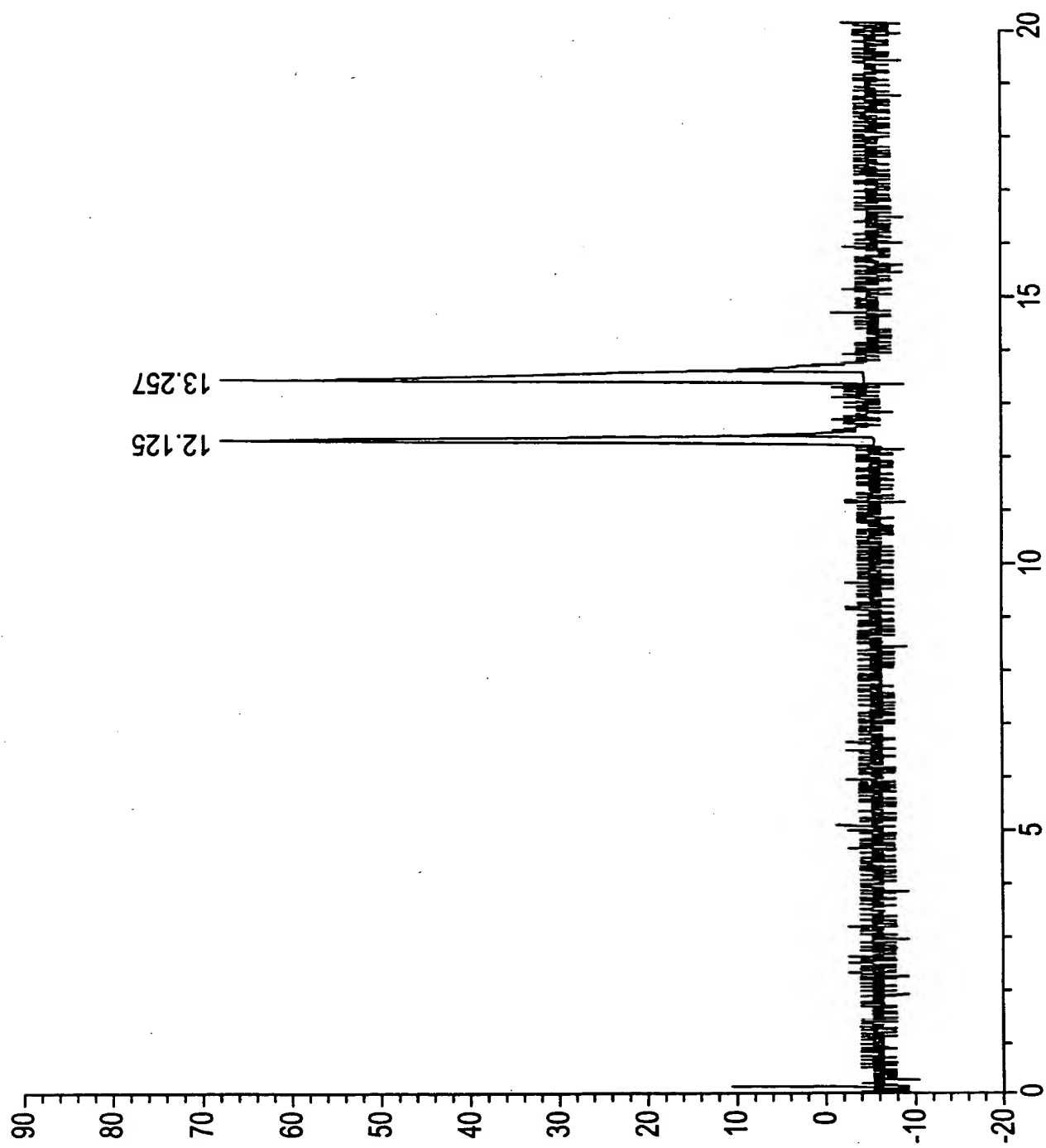


FIG. 45

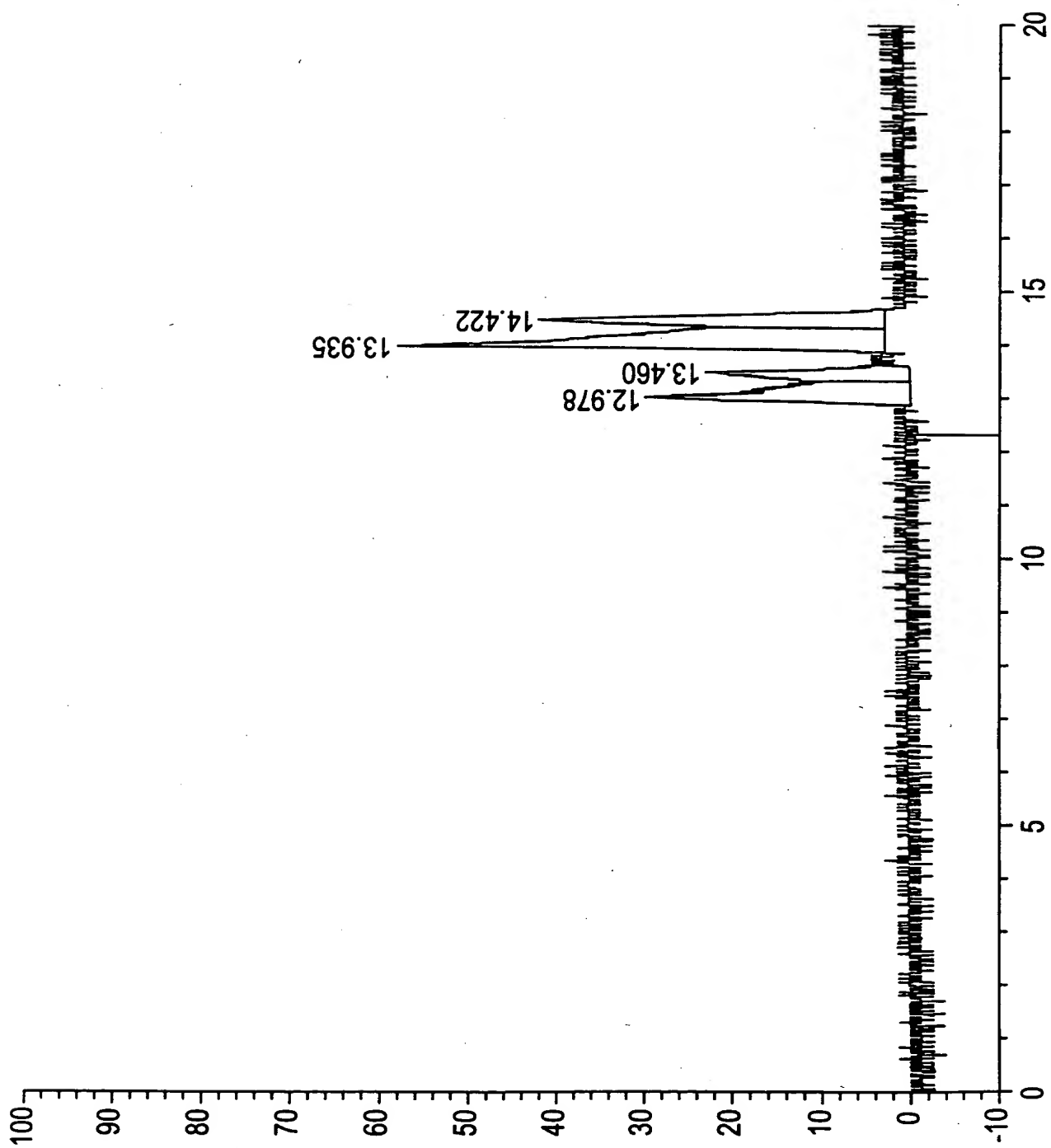


FIG. 46

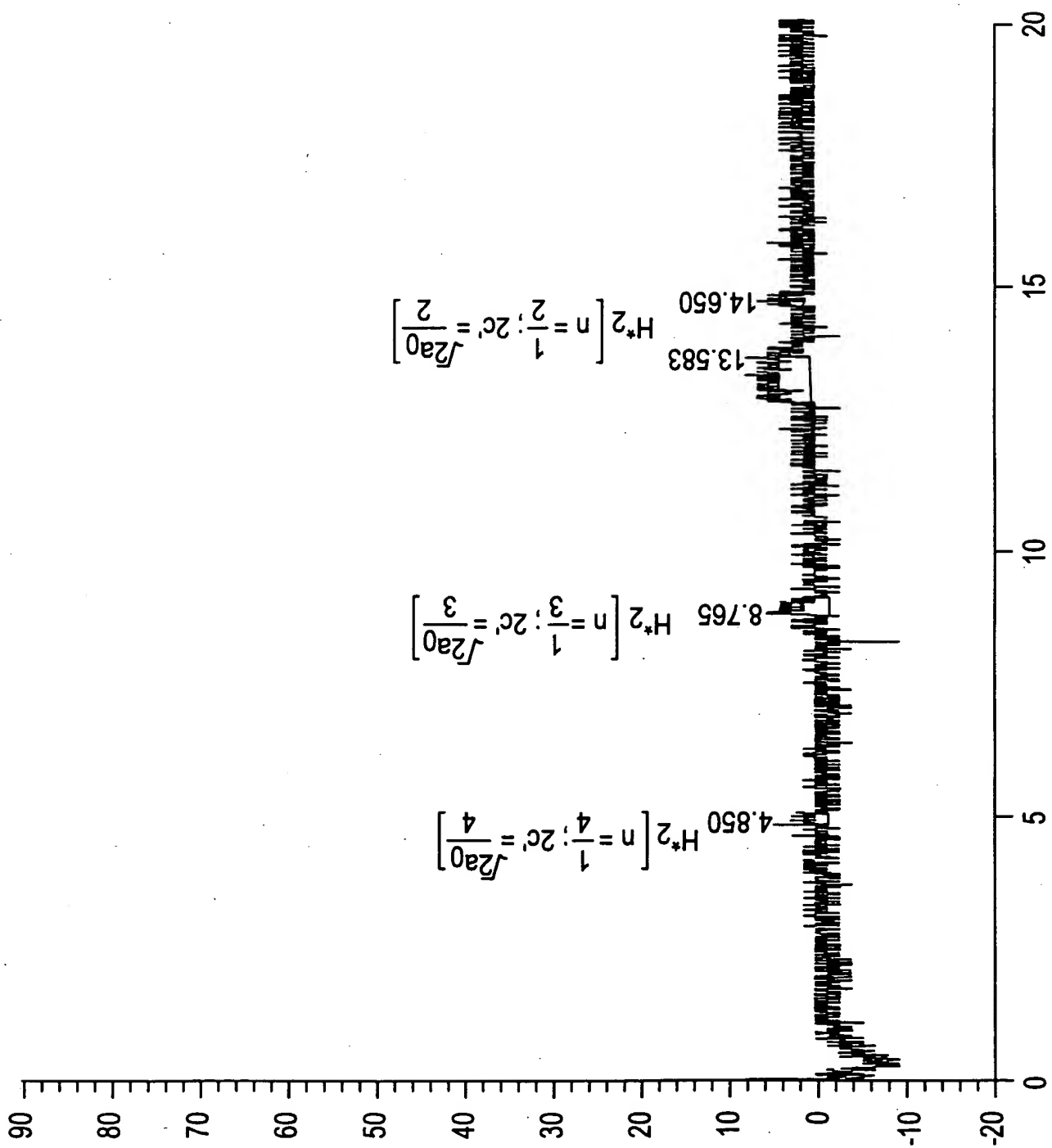


FIG. 47

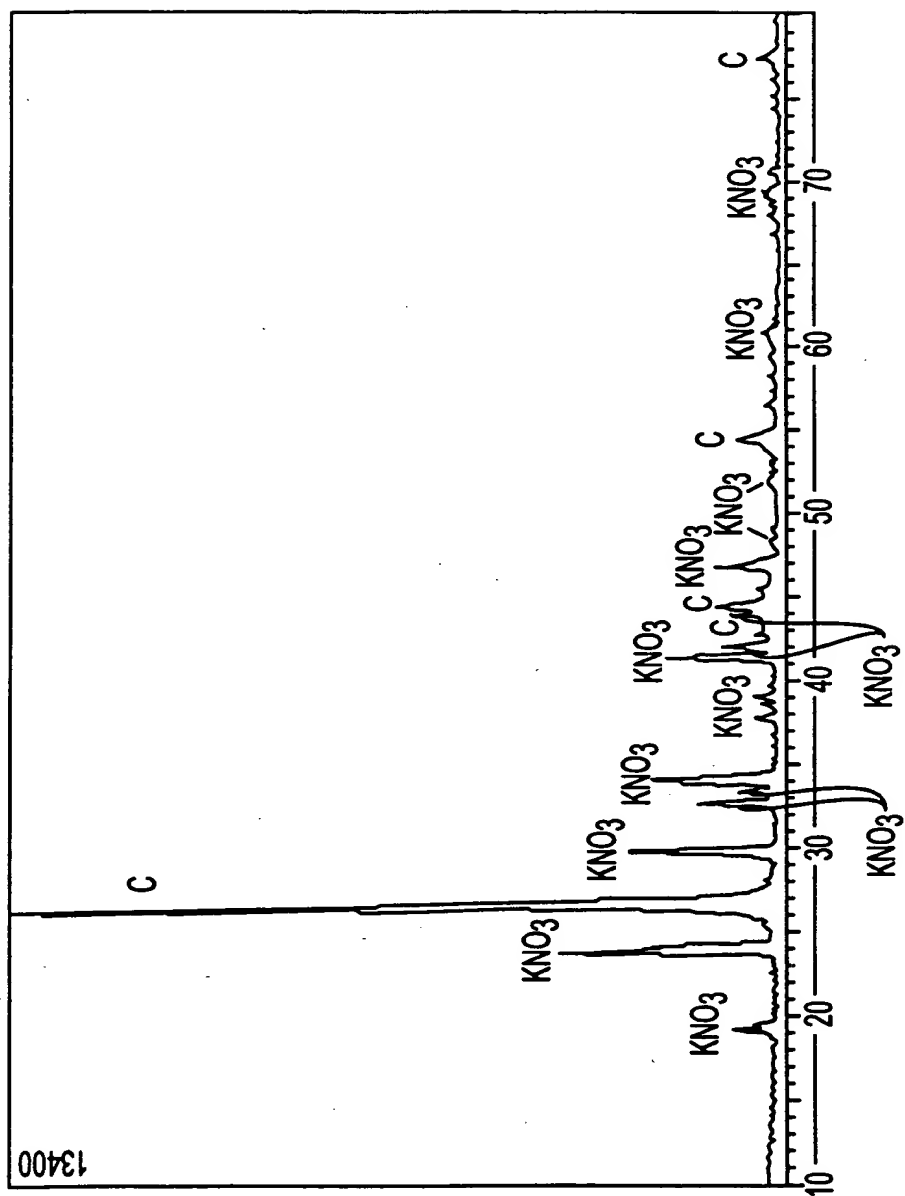


FIG. 48

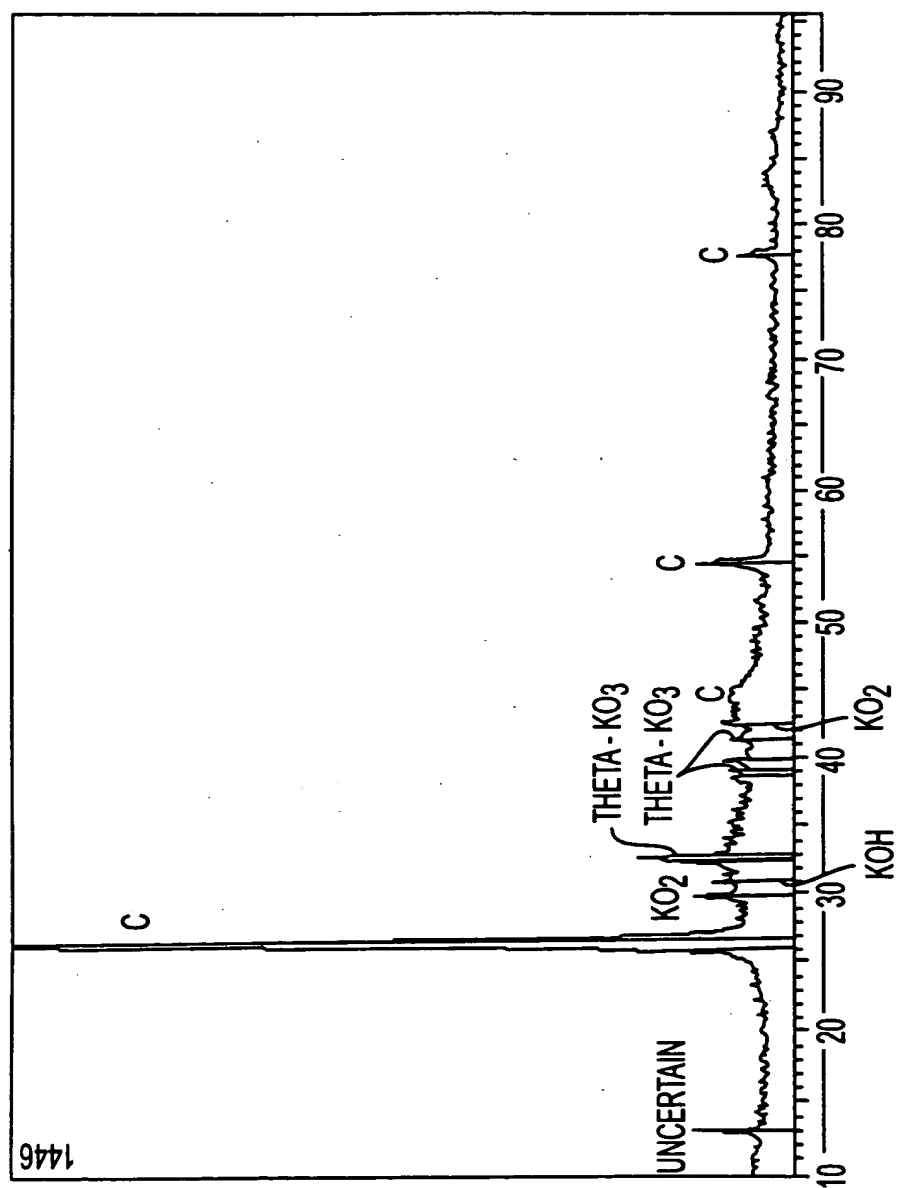


FIG. 49

FIG. 50

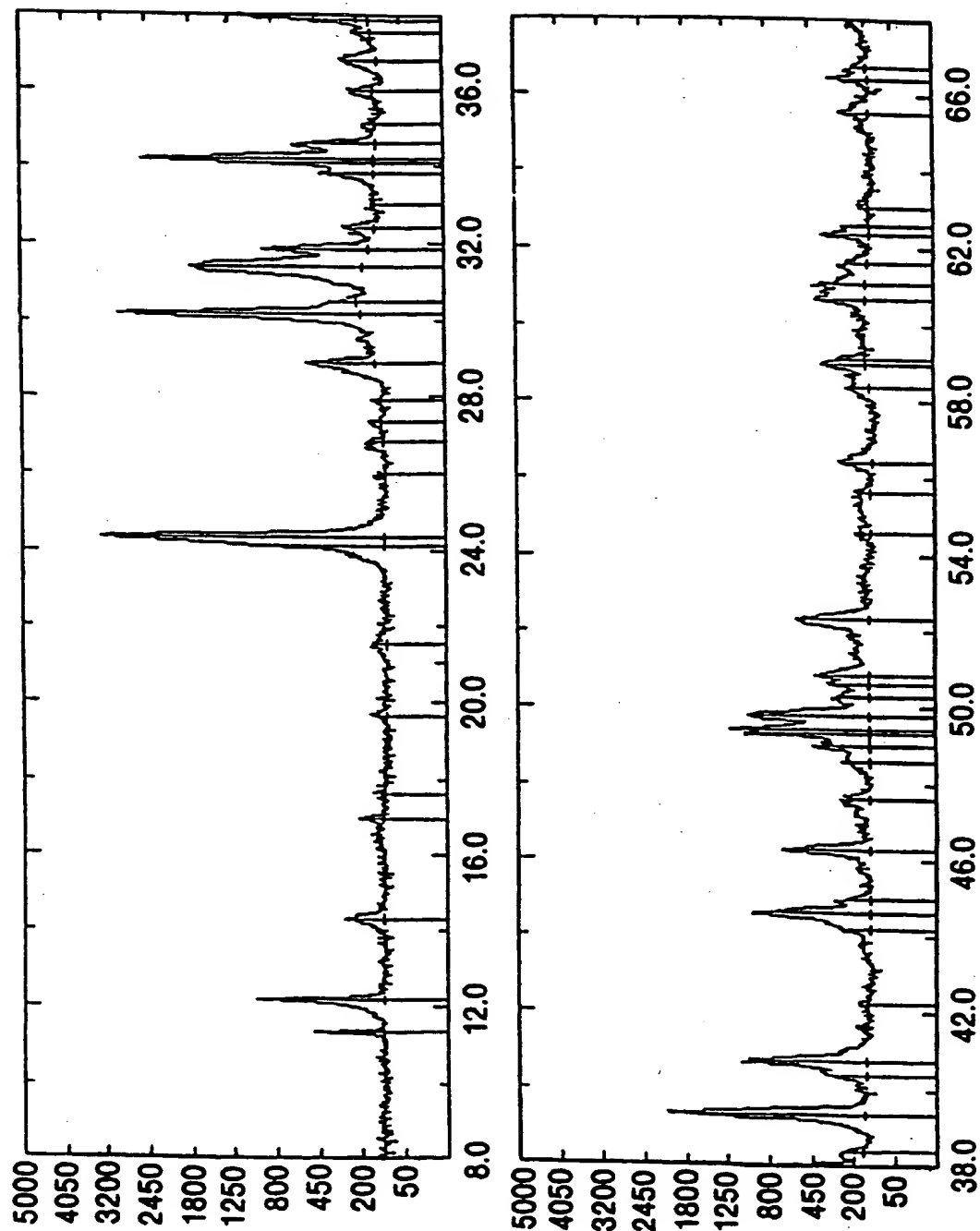
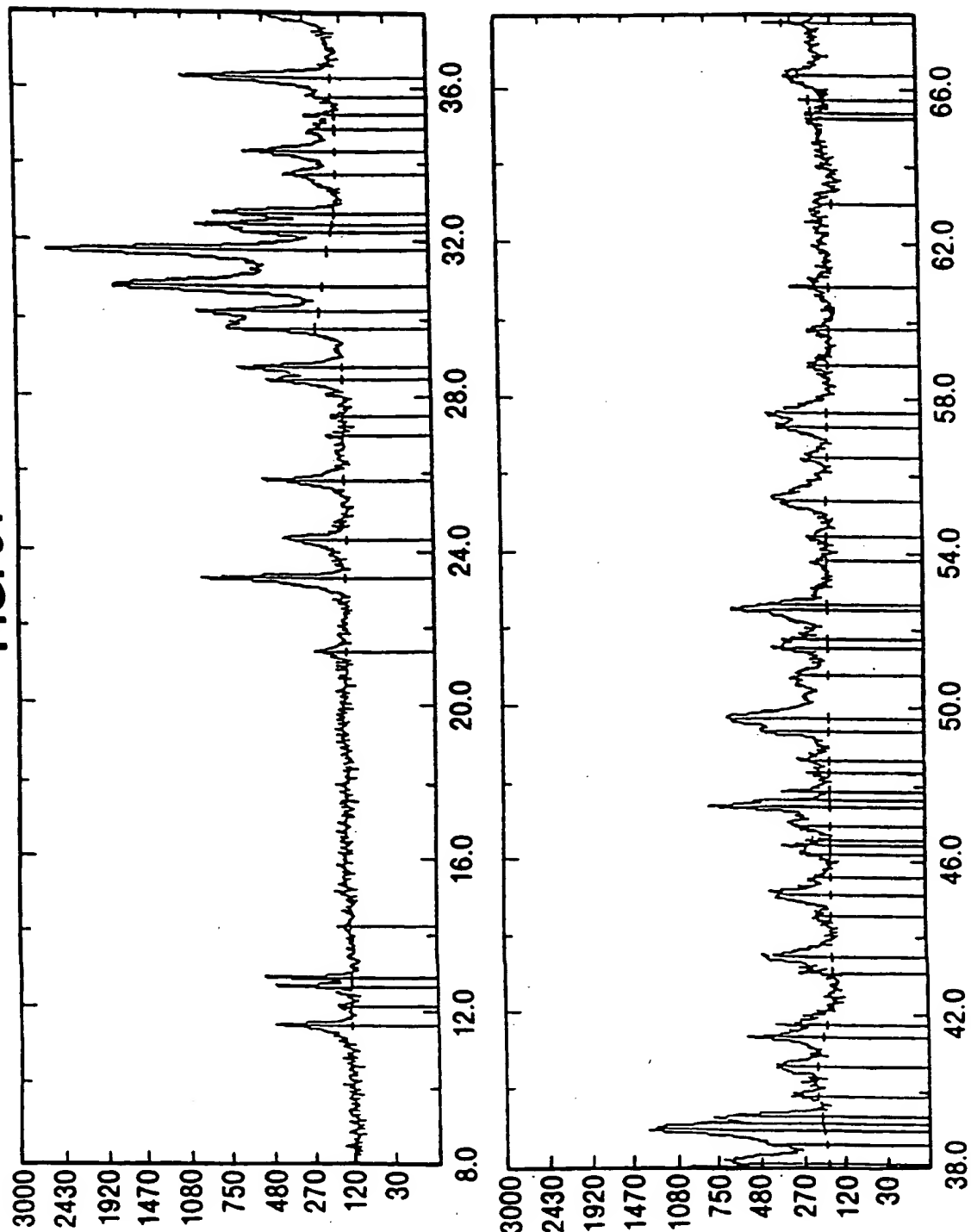
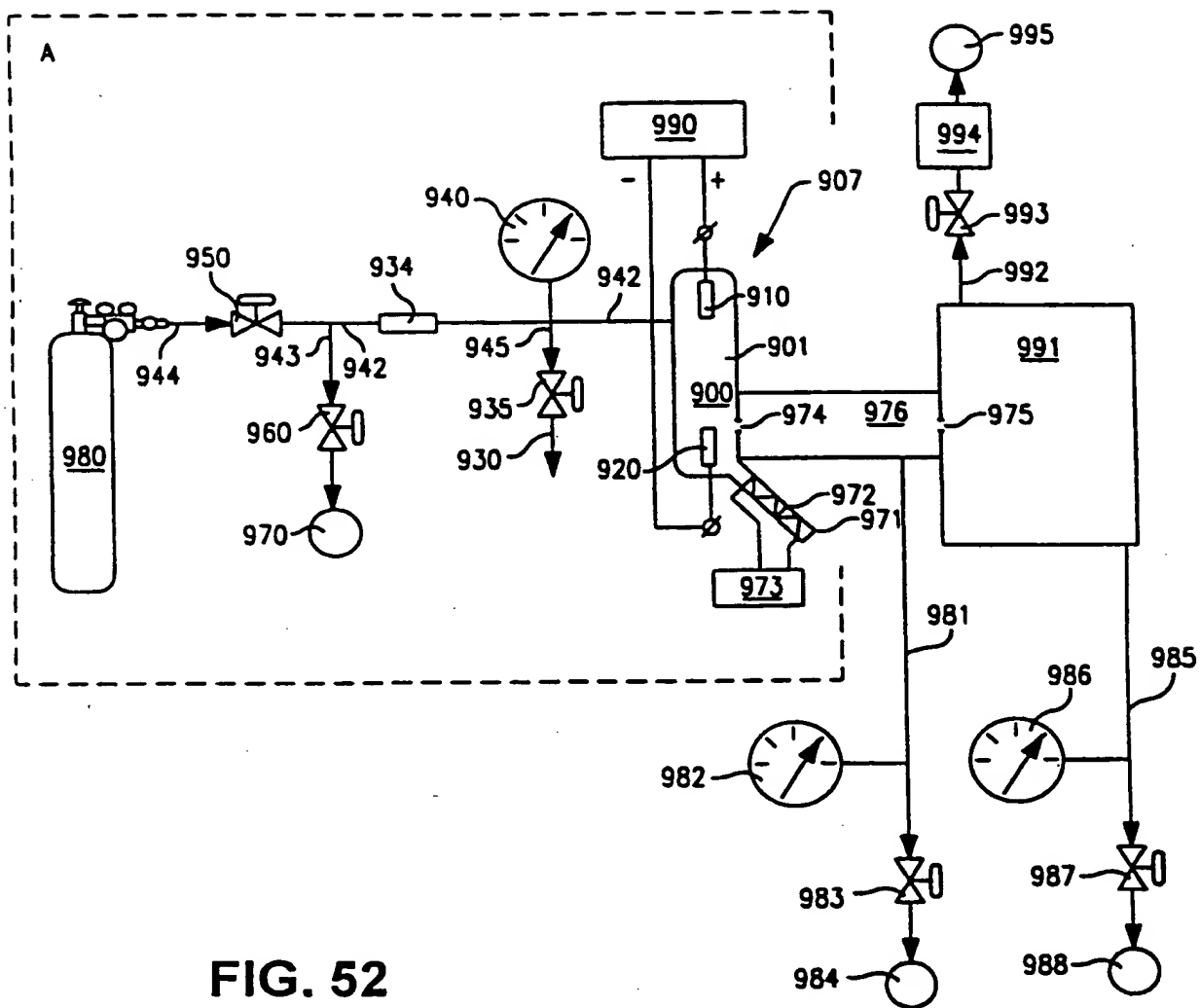


FIG. 51





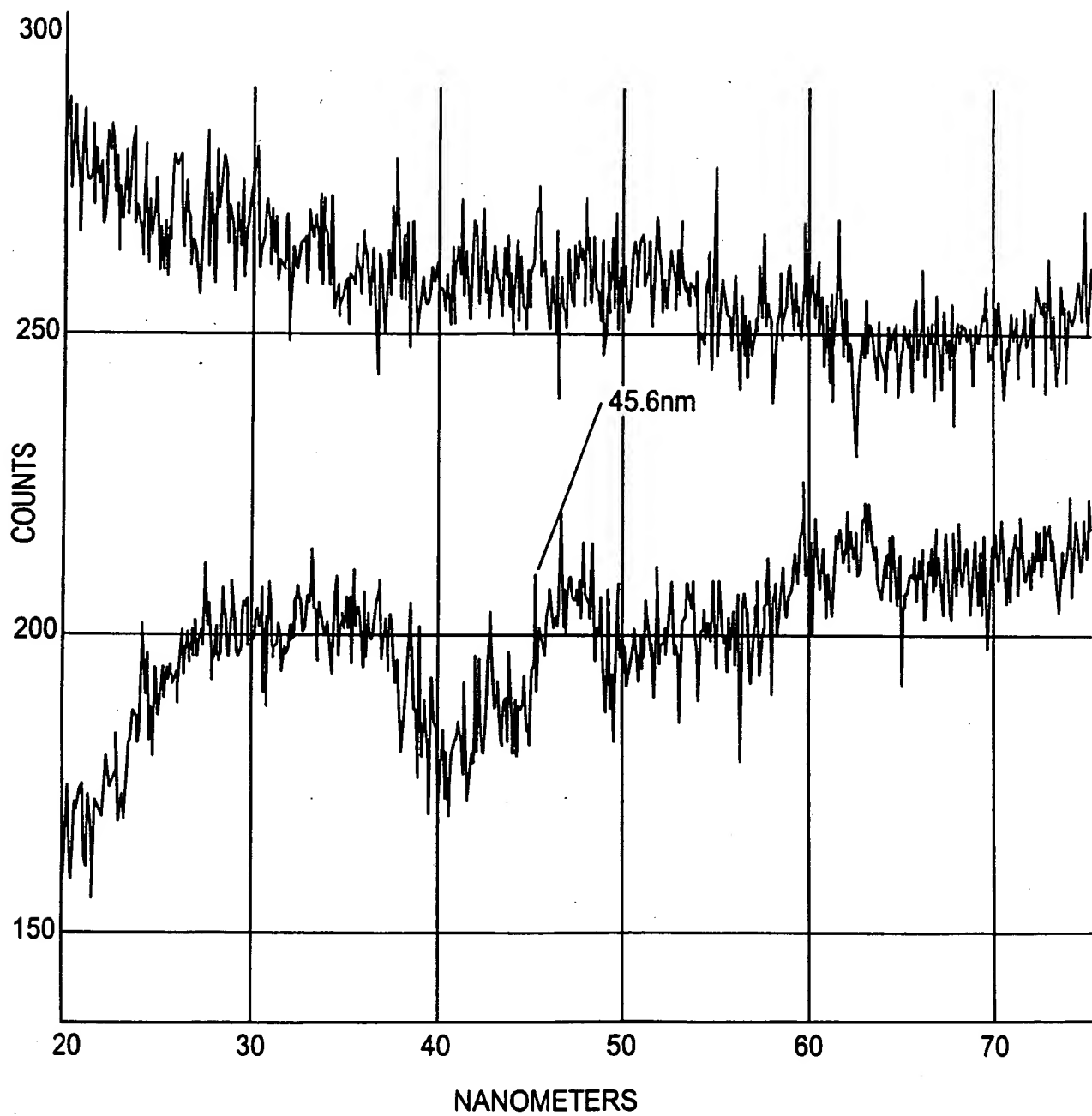


FIG. 53

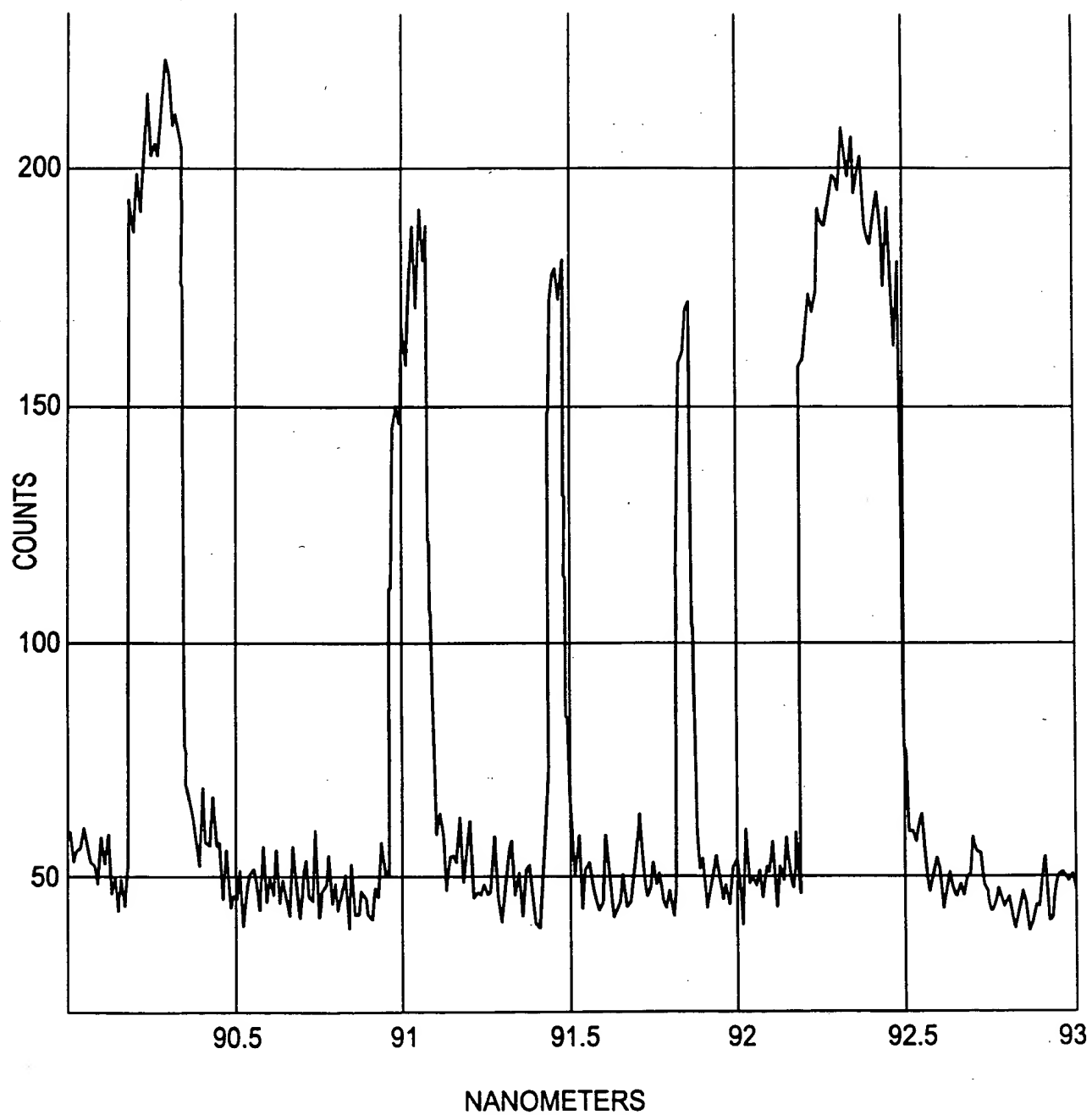


FIG. 54

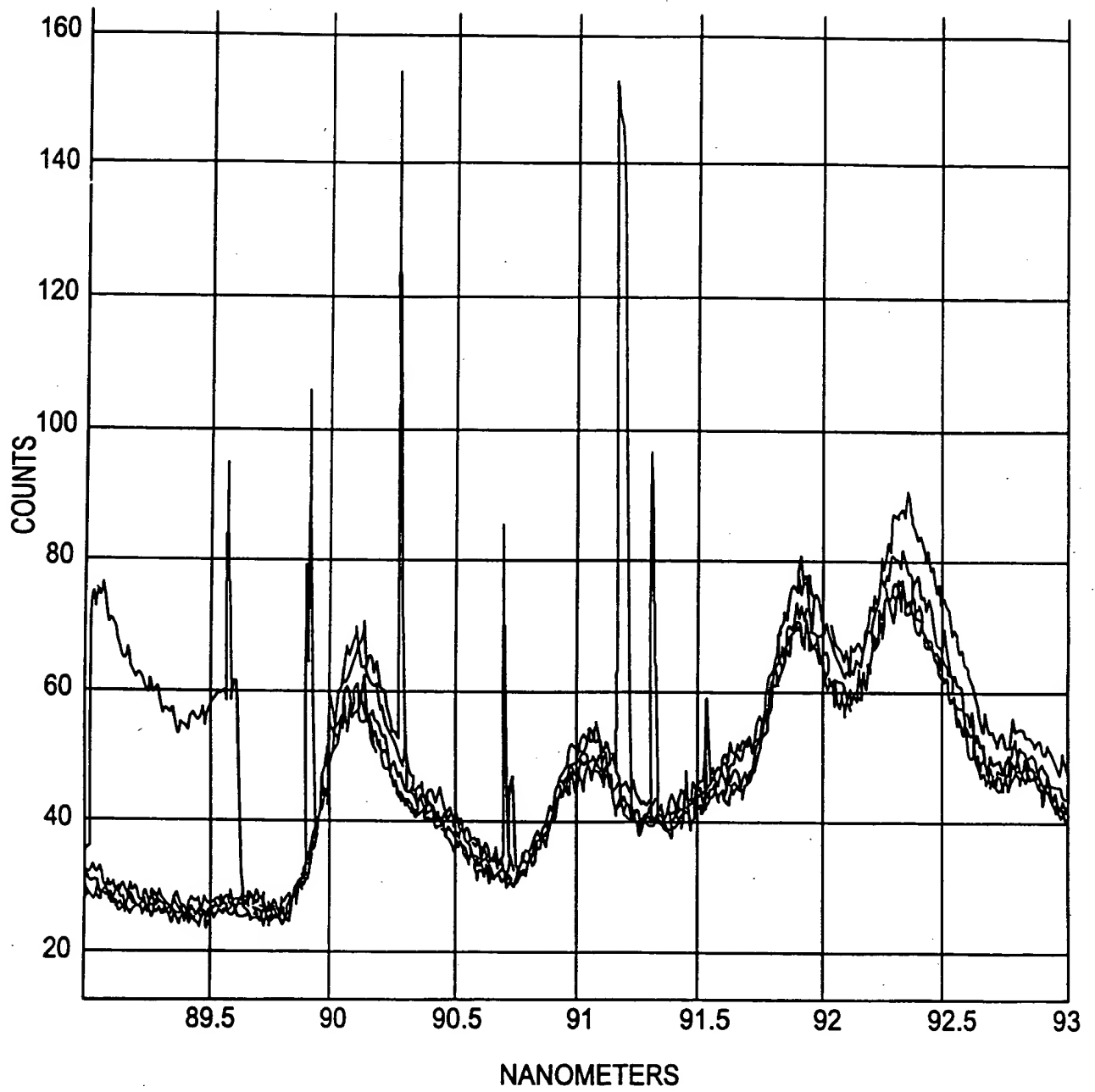


FIG. 55

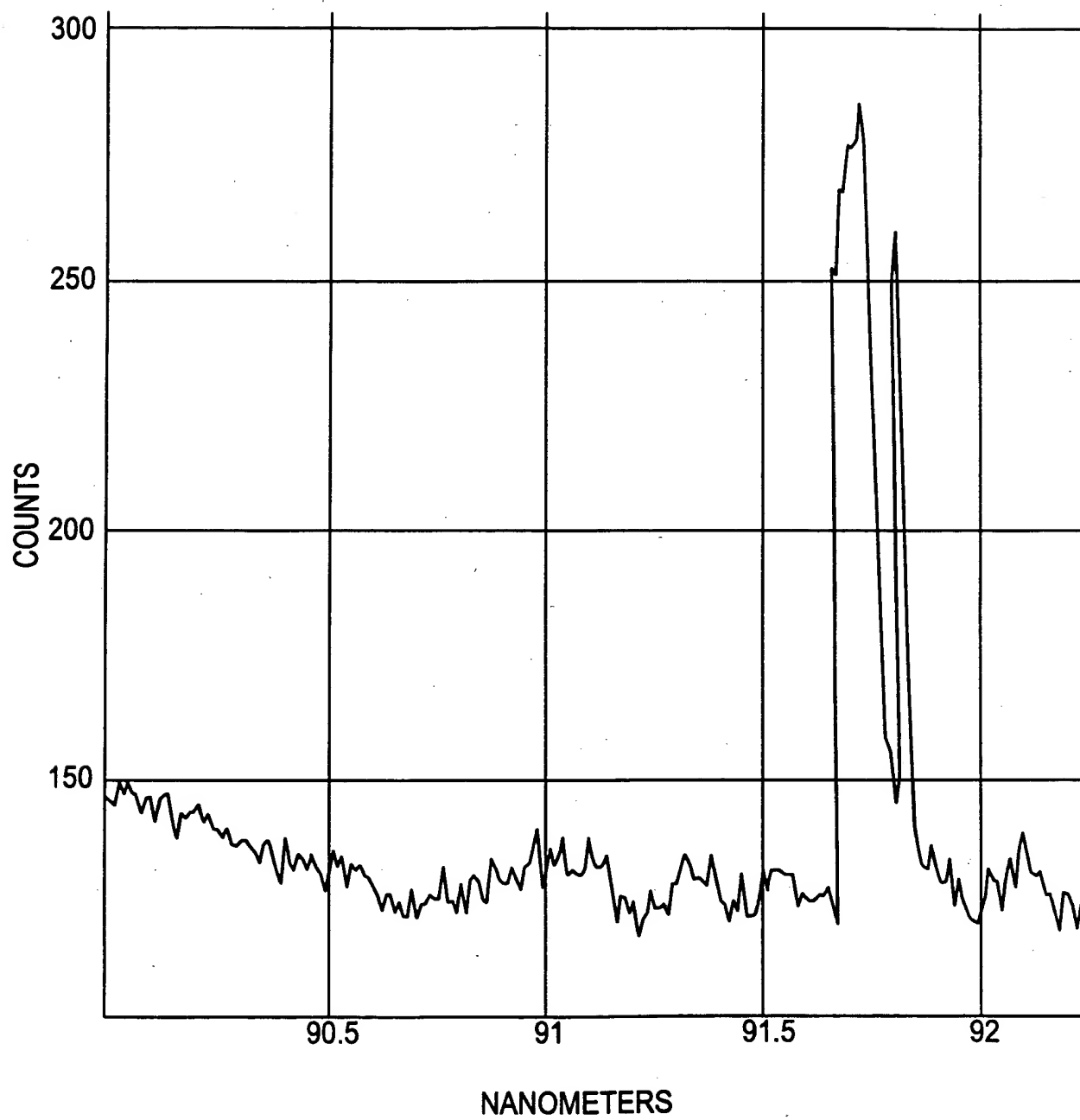


FIG. 56

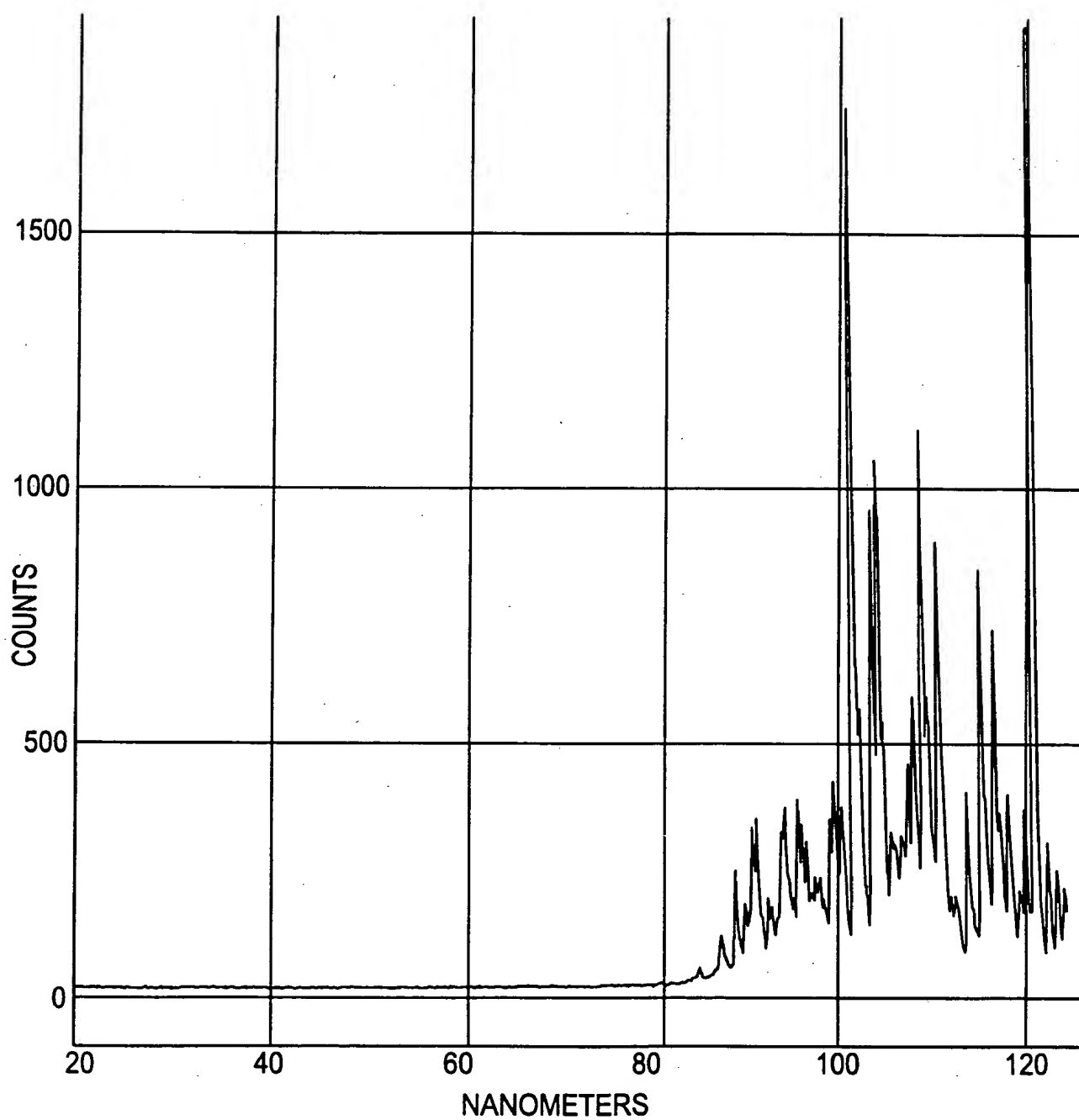


FIG. 57

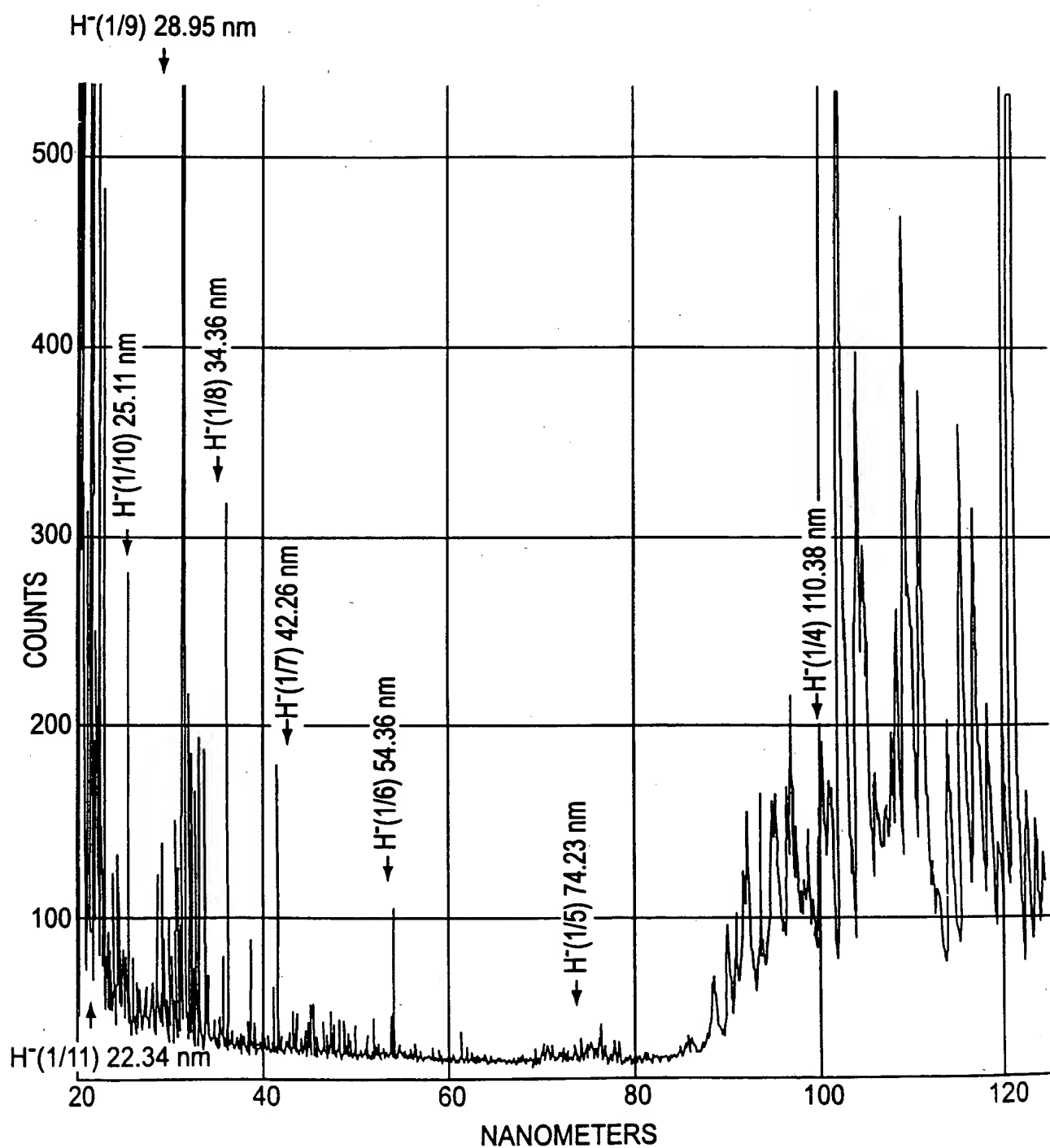


FIG. 58

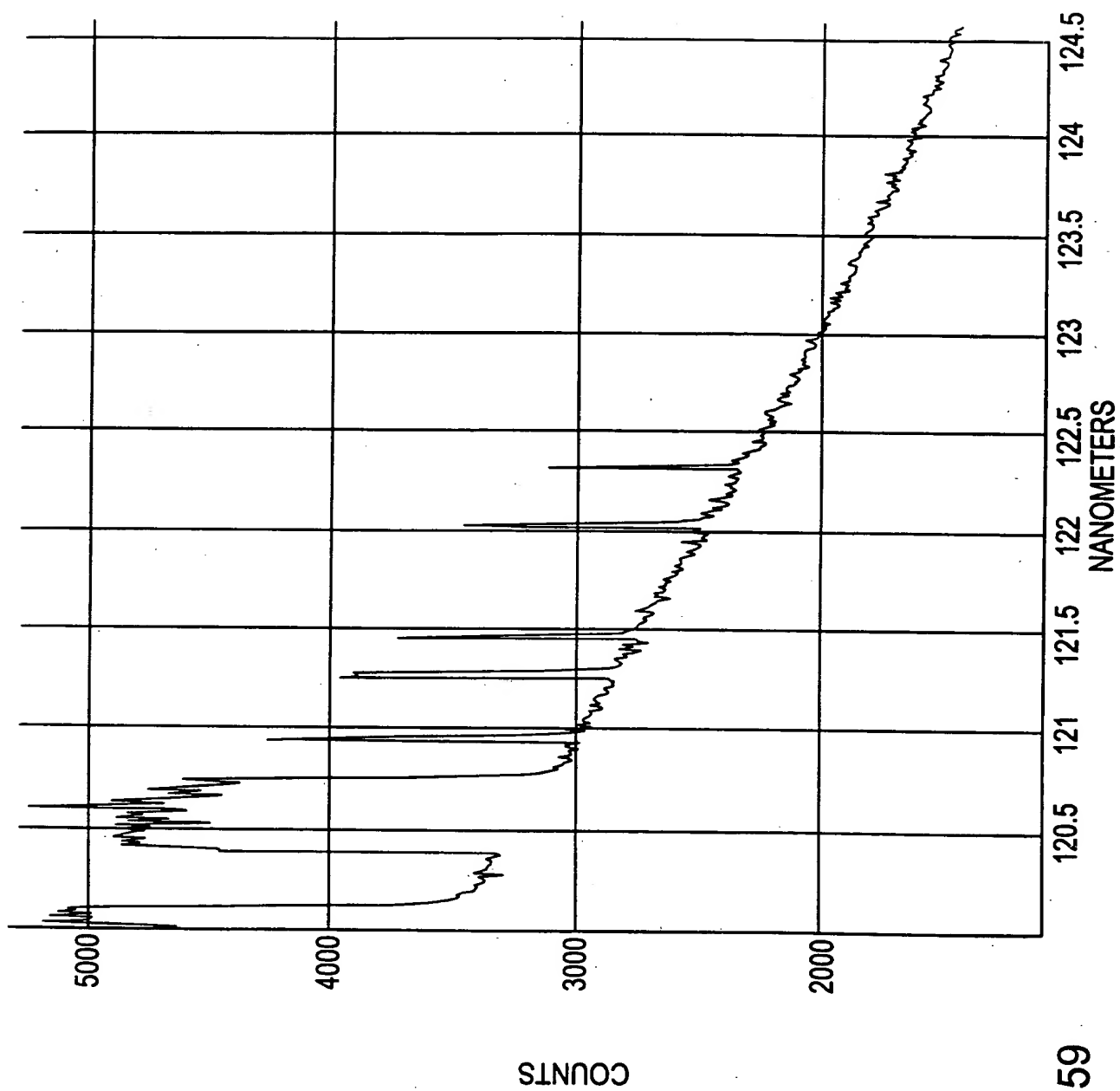


FIG. 59

FIG. 60

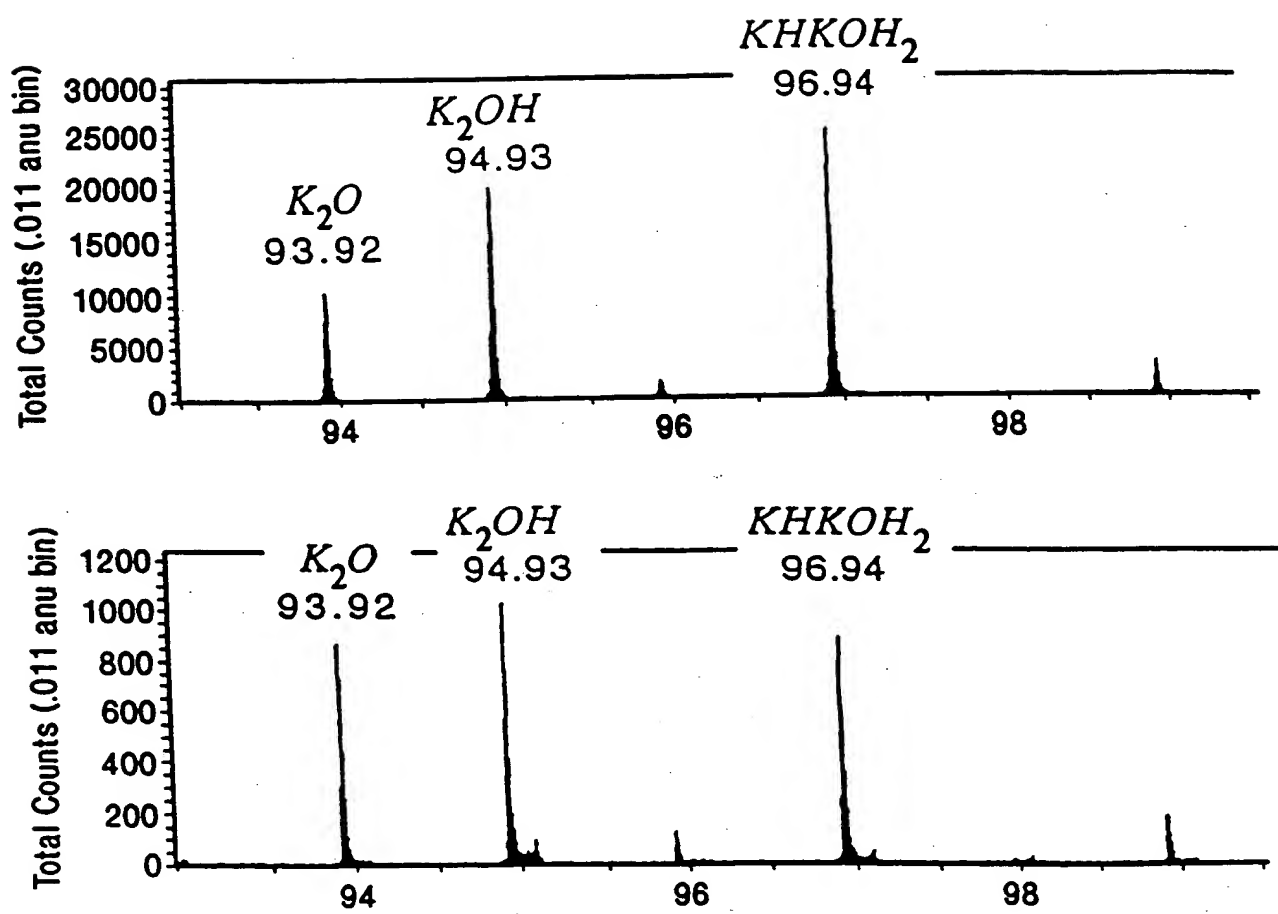


FIG. 61A

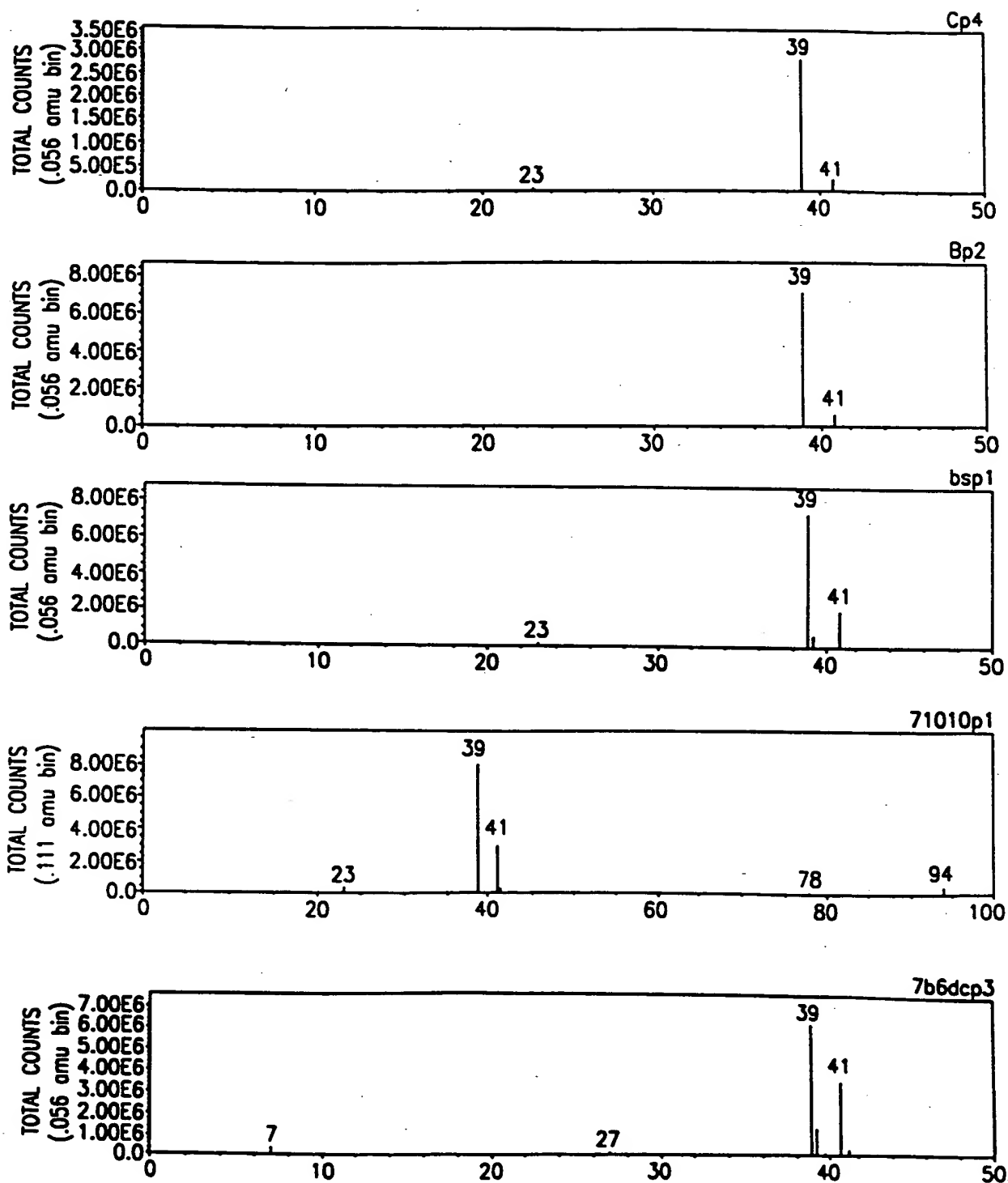


FIG. 61B

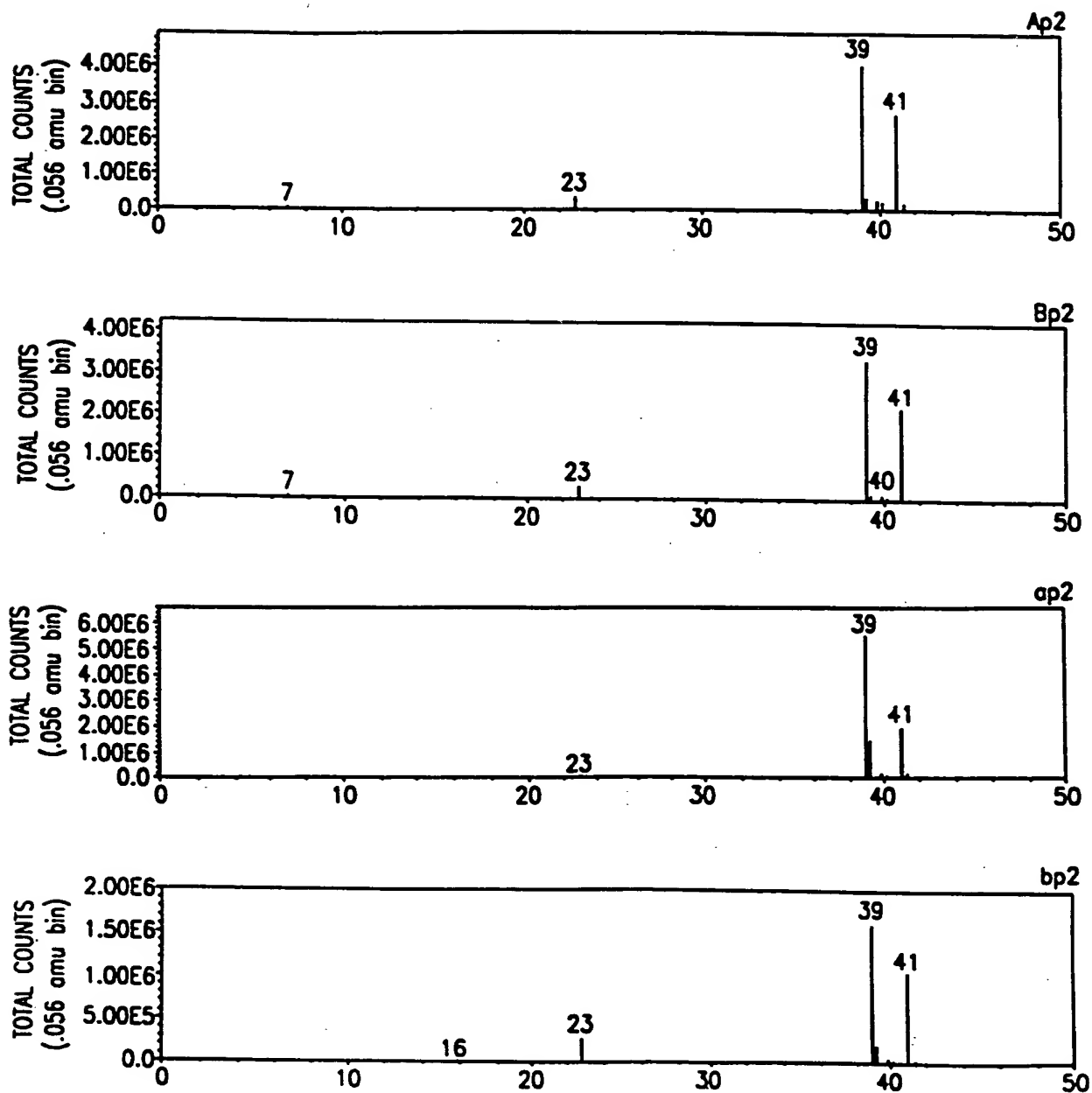
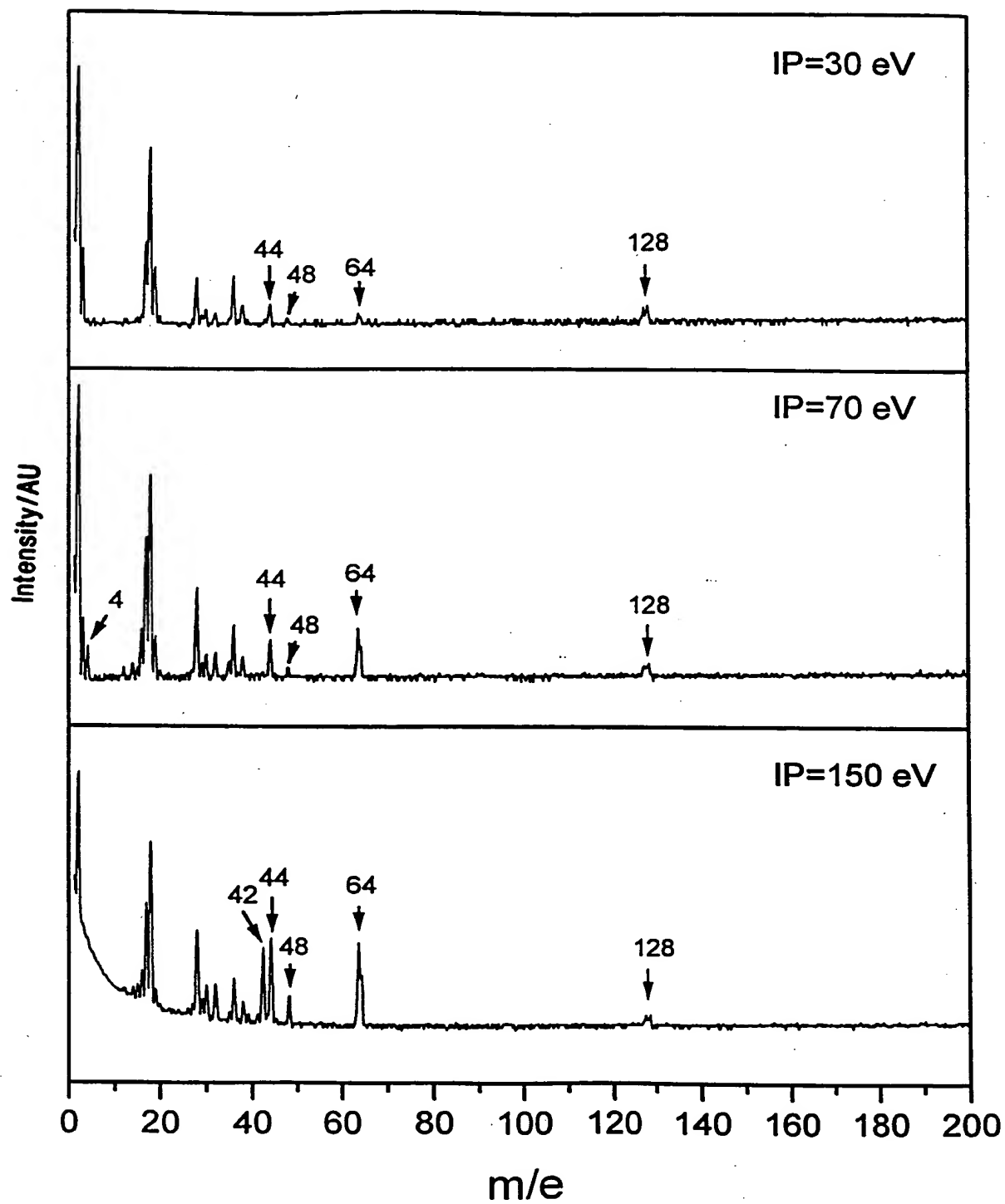


FIG. 62



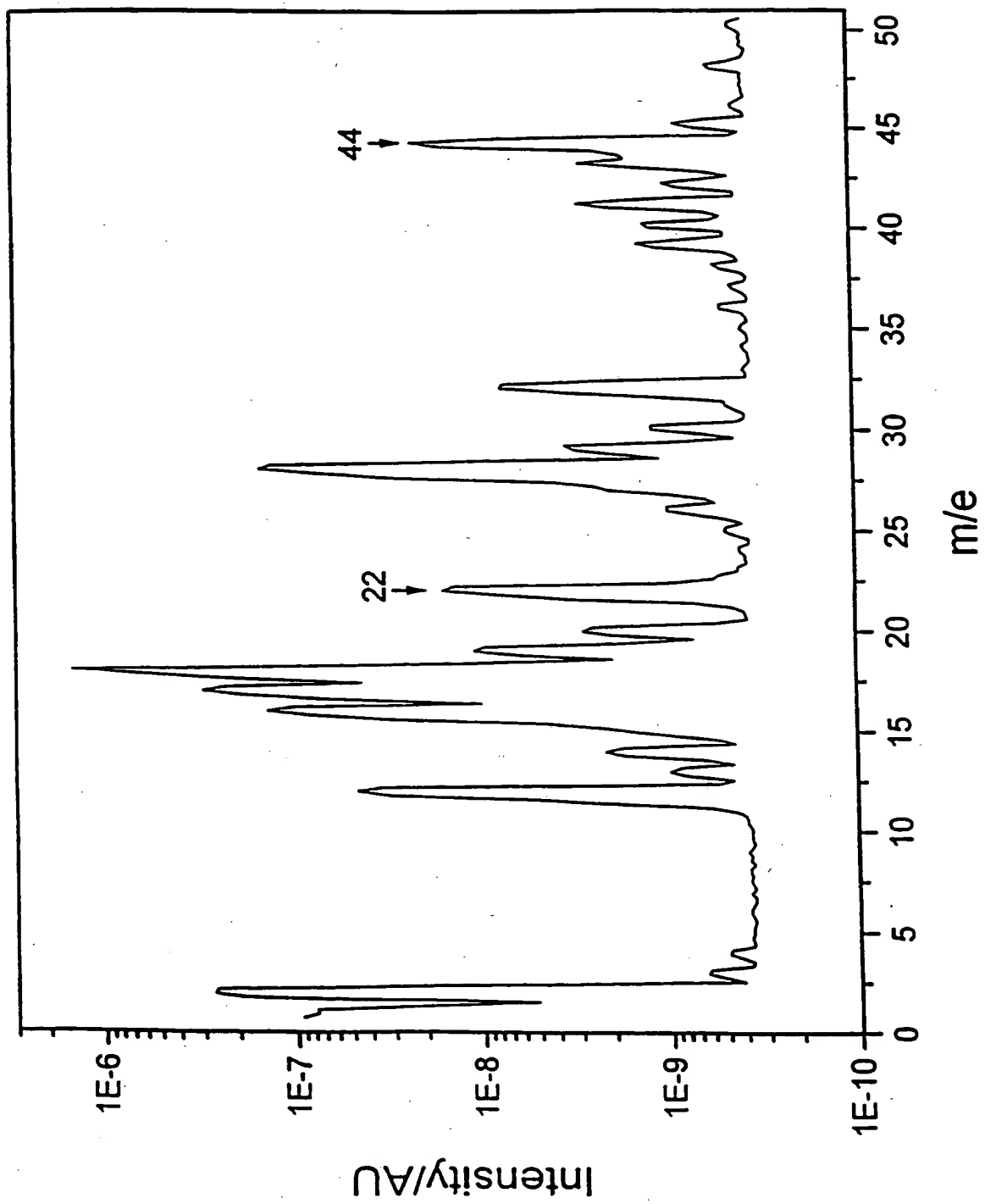


FIG. 63

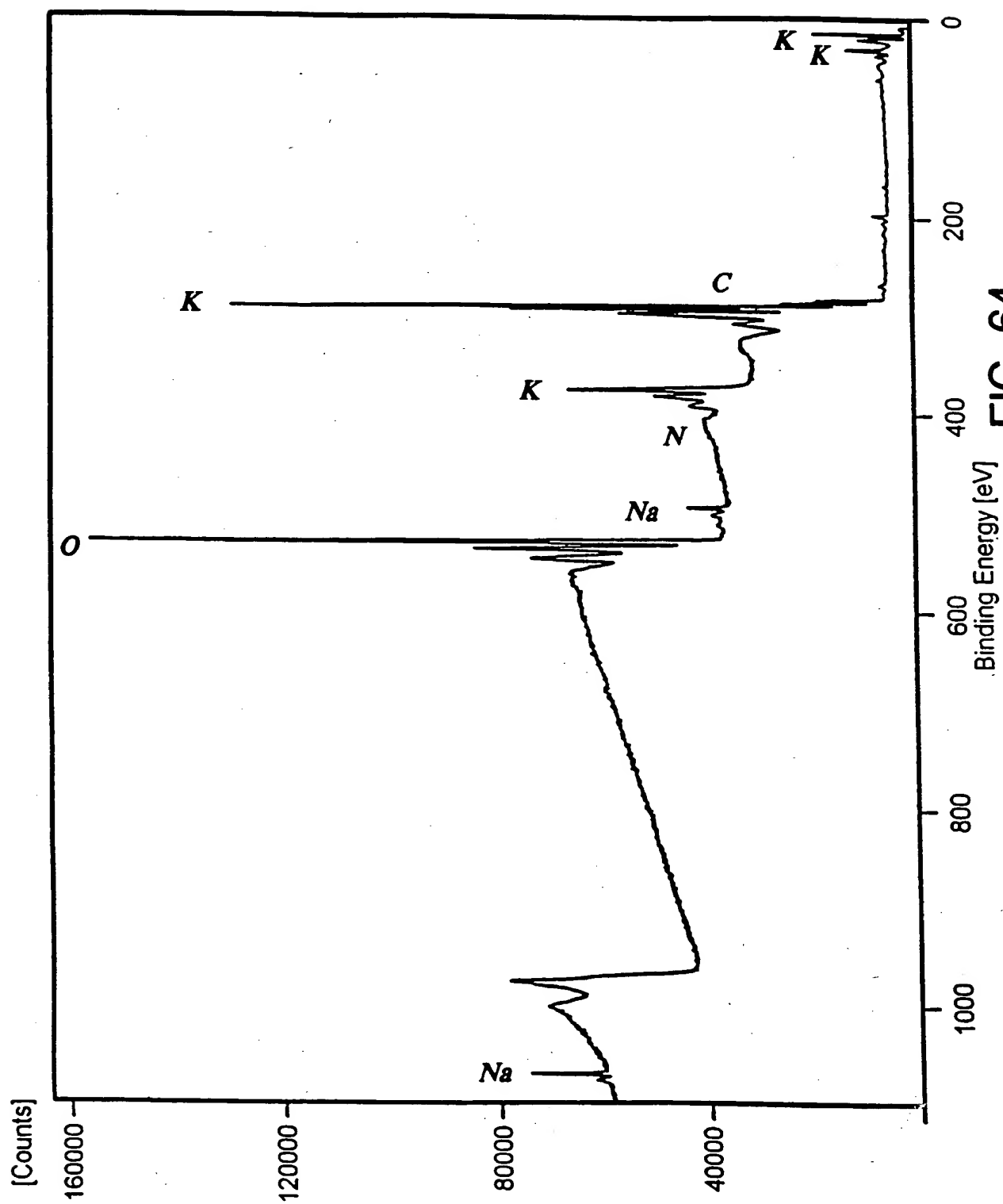
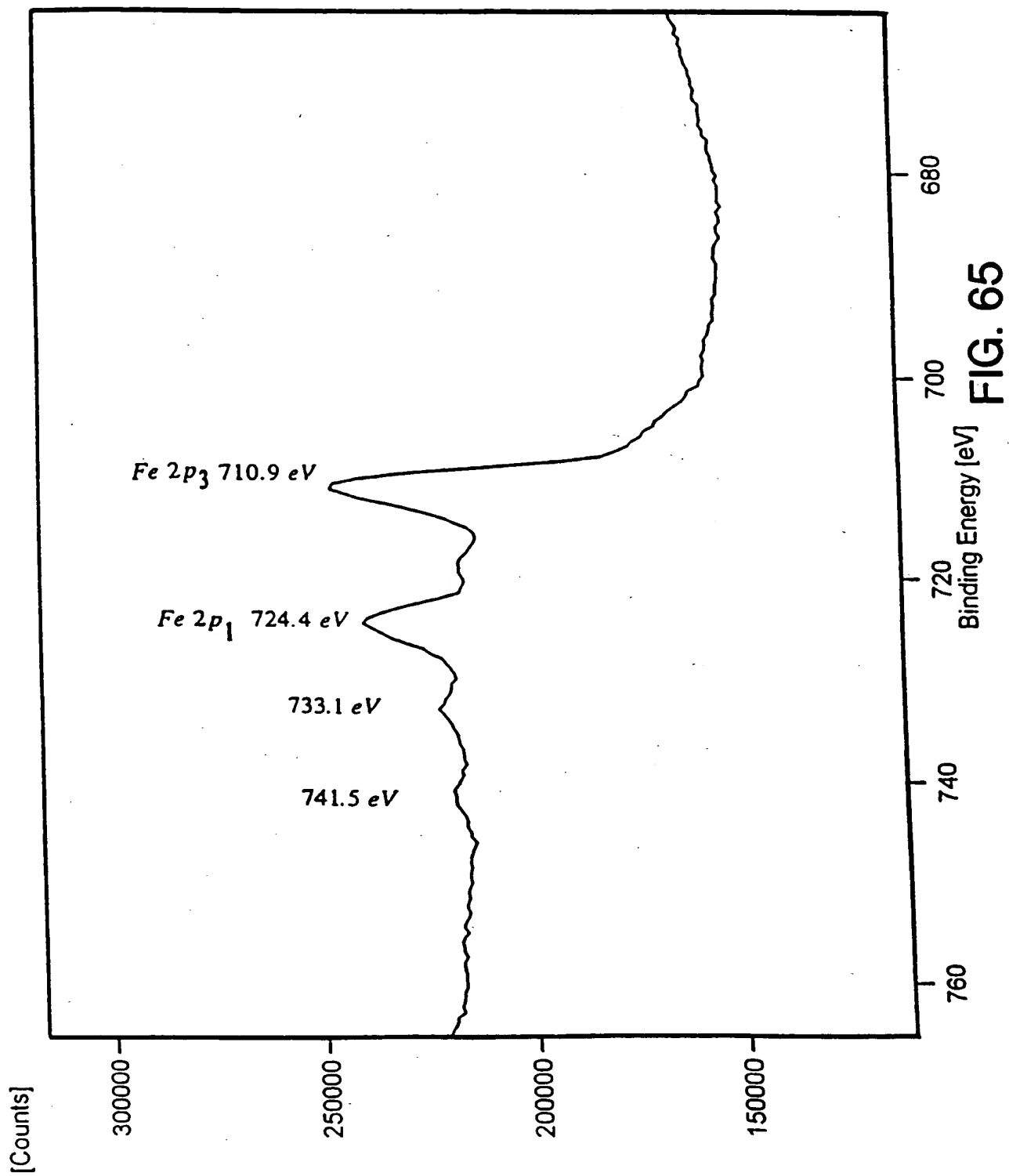


FIG. 64



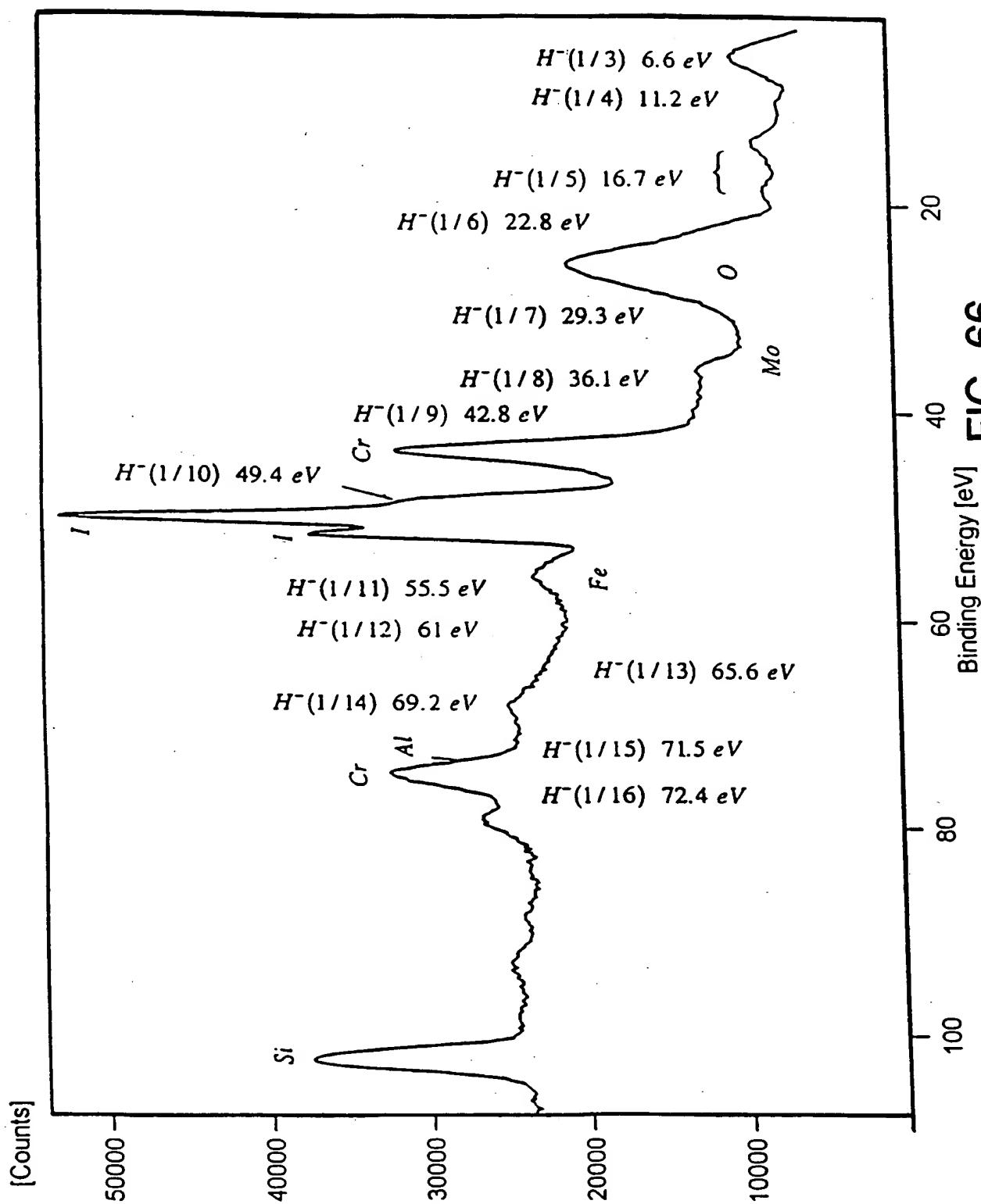


FIG. 66

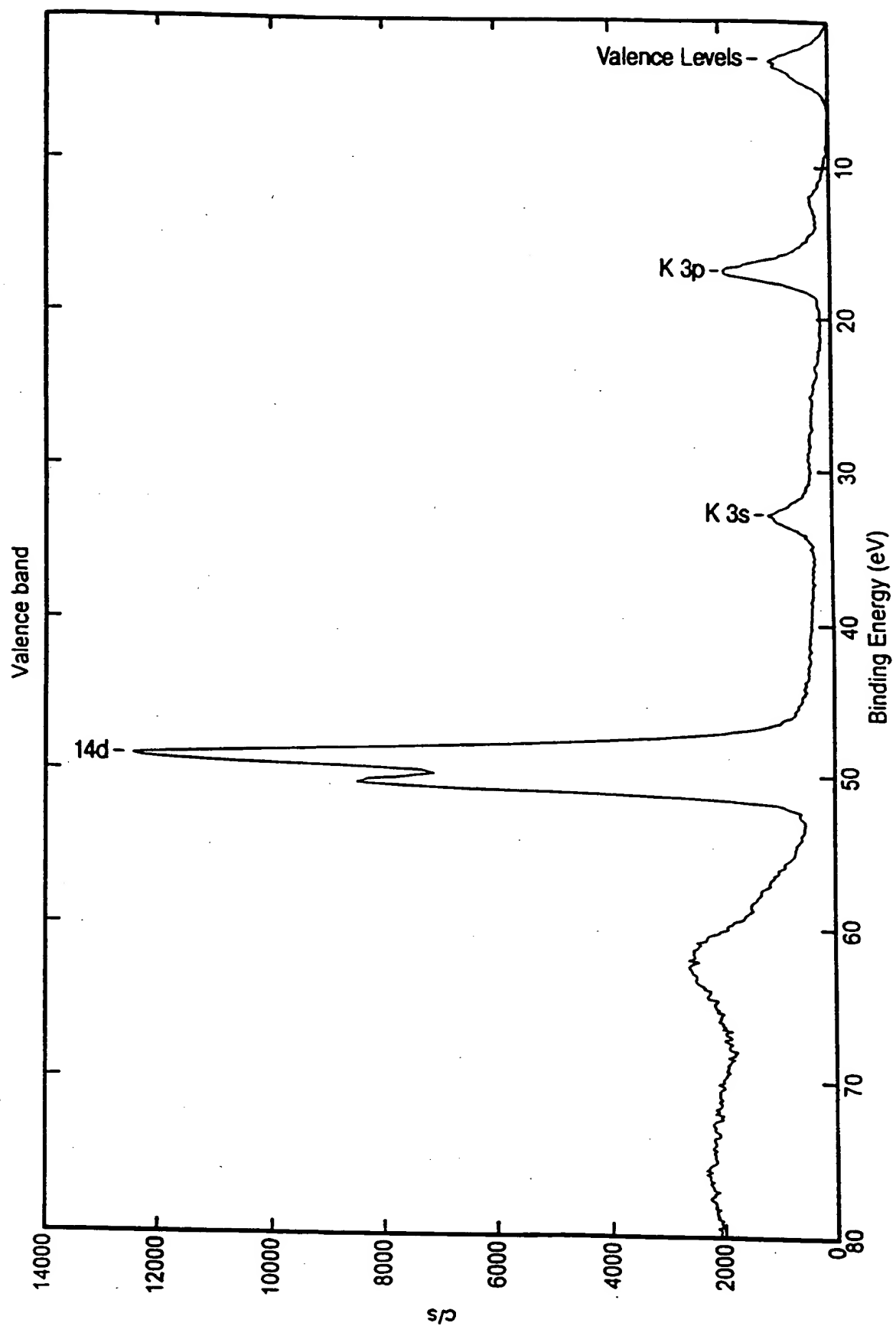


FIG. 67

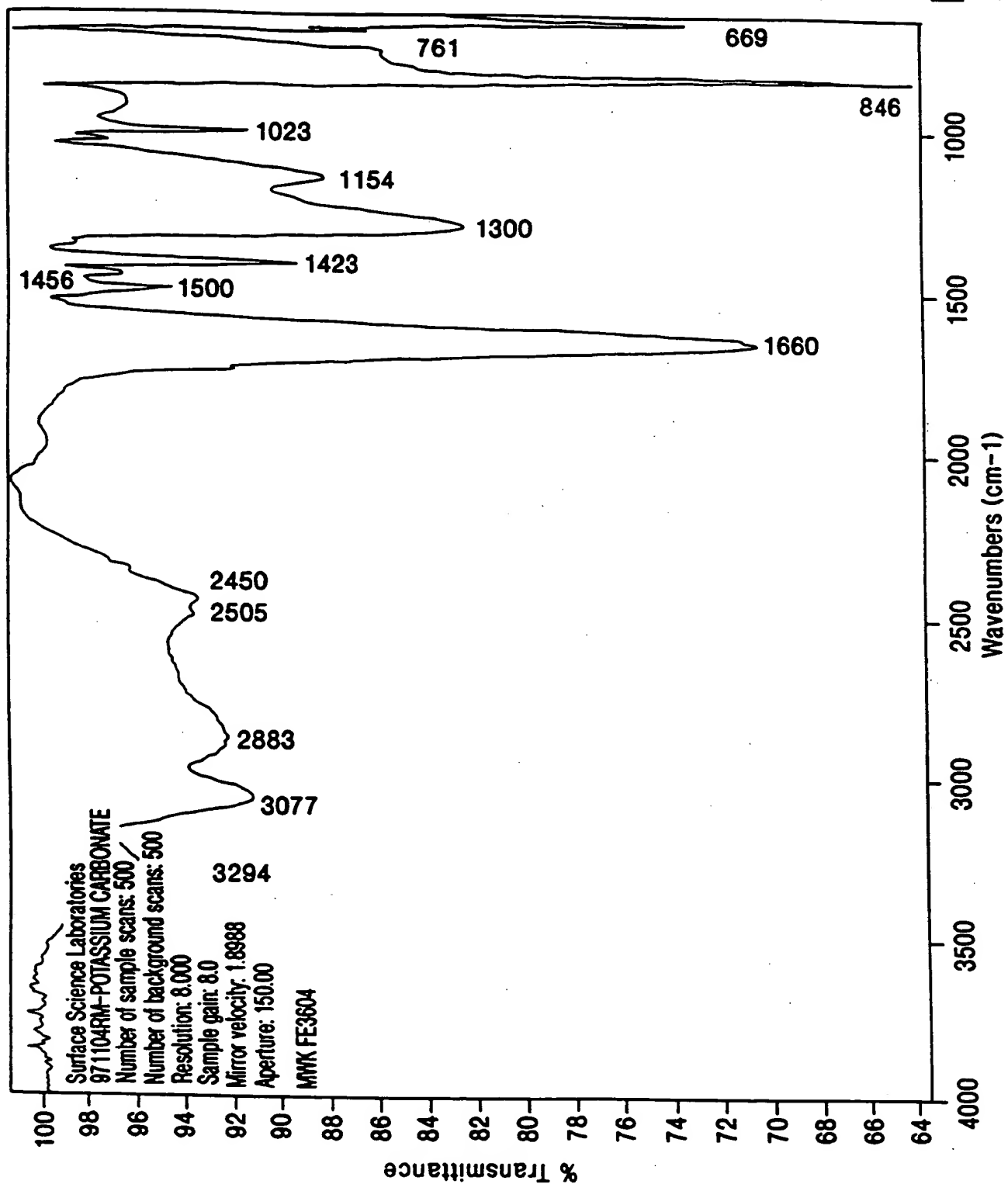


FIG. 68

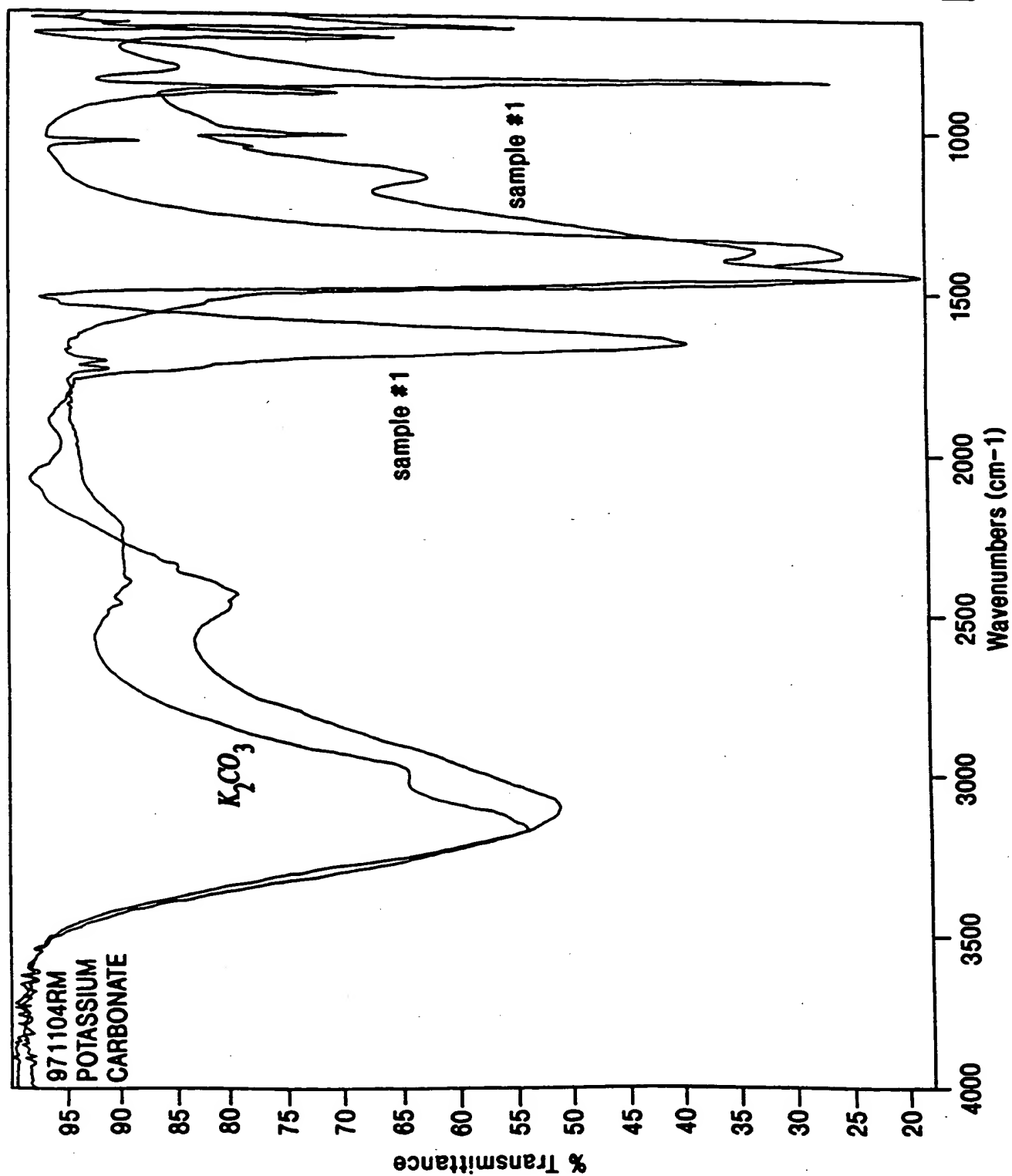


FIG. 69

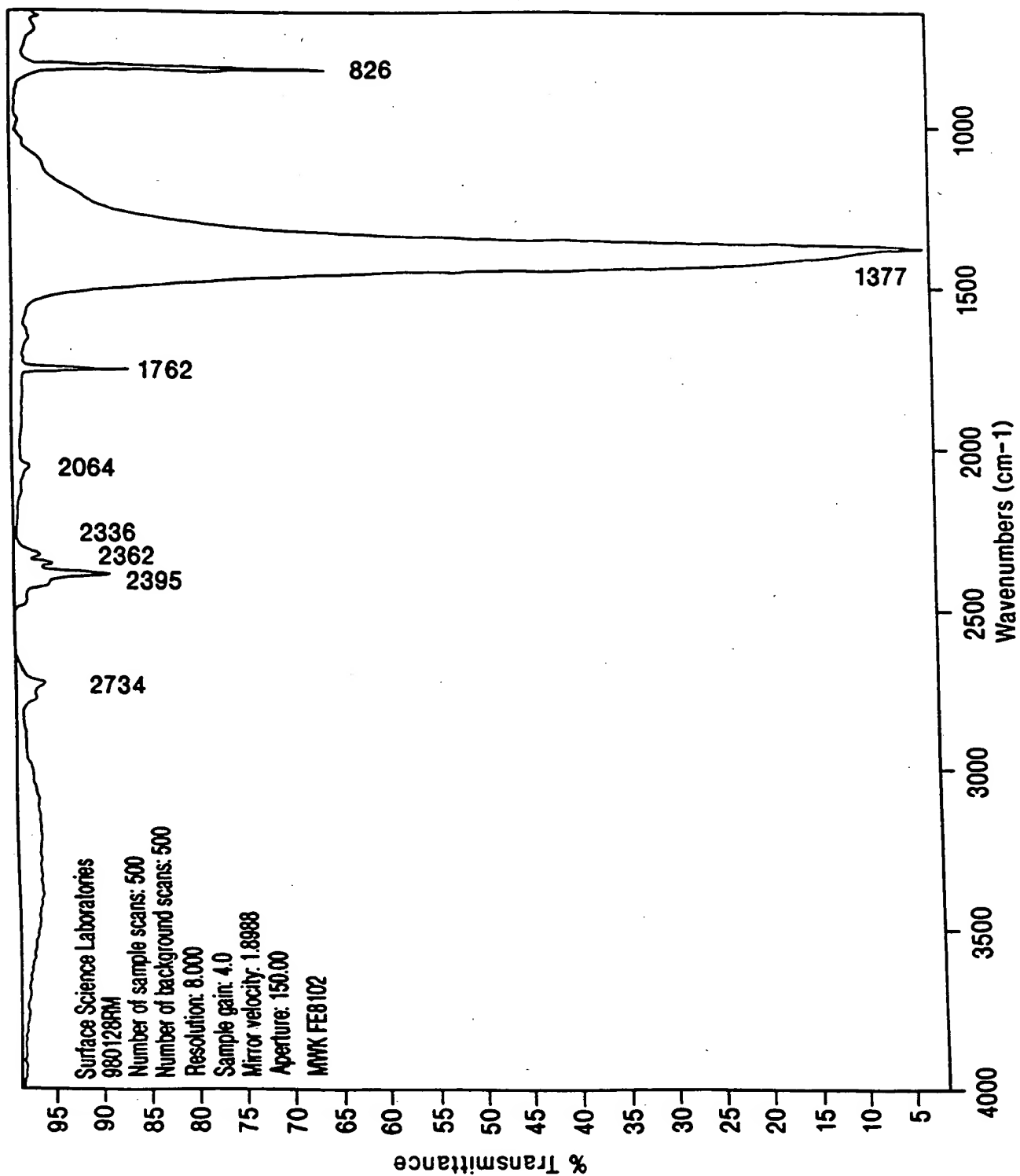
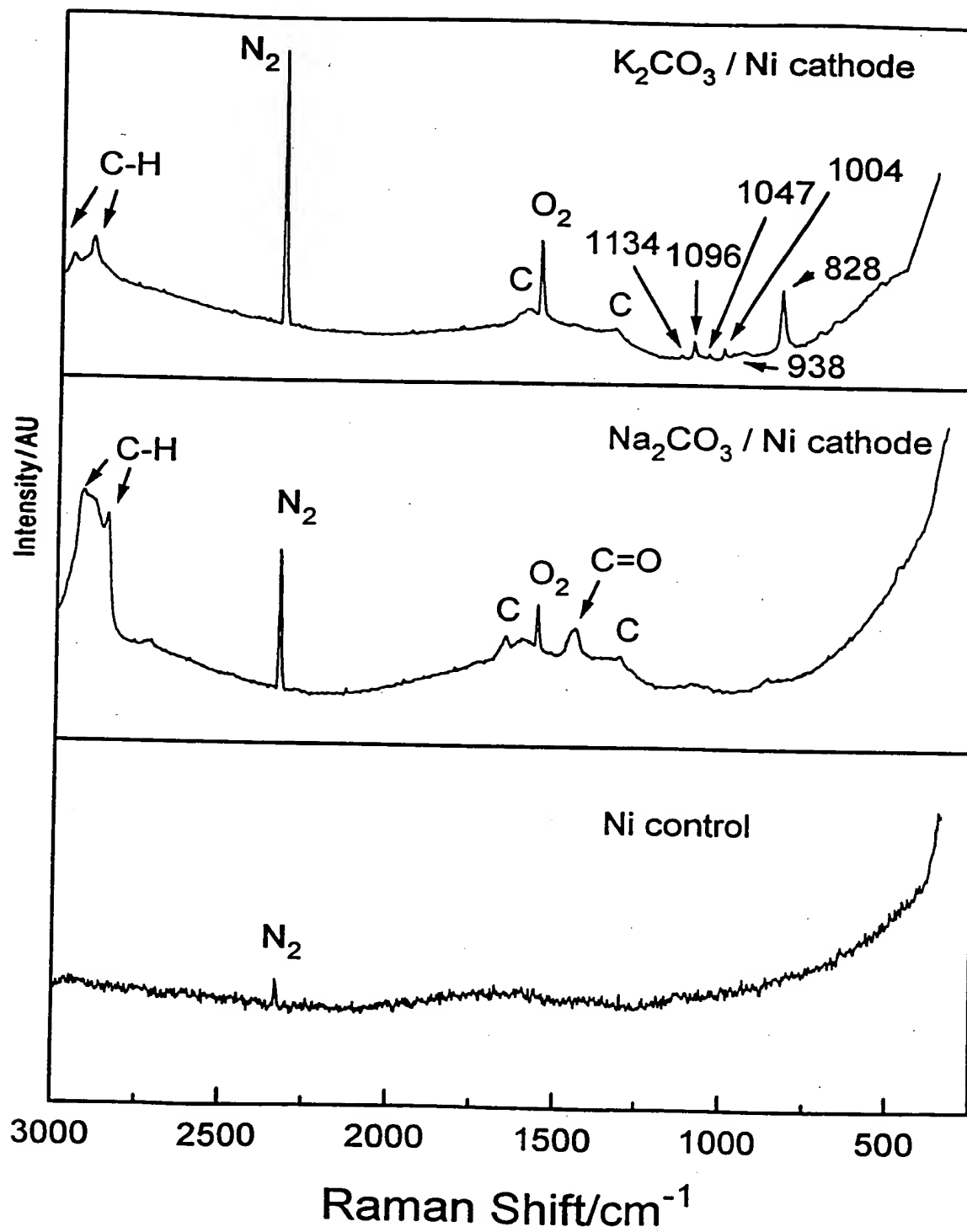


FIG. 70

FIG. 71



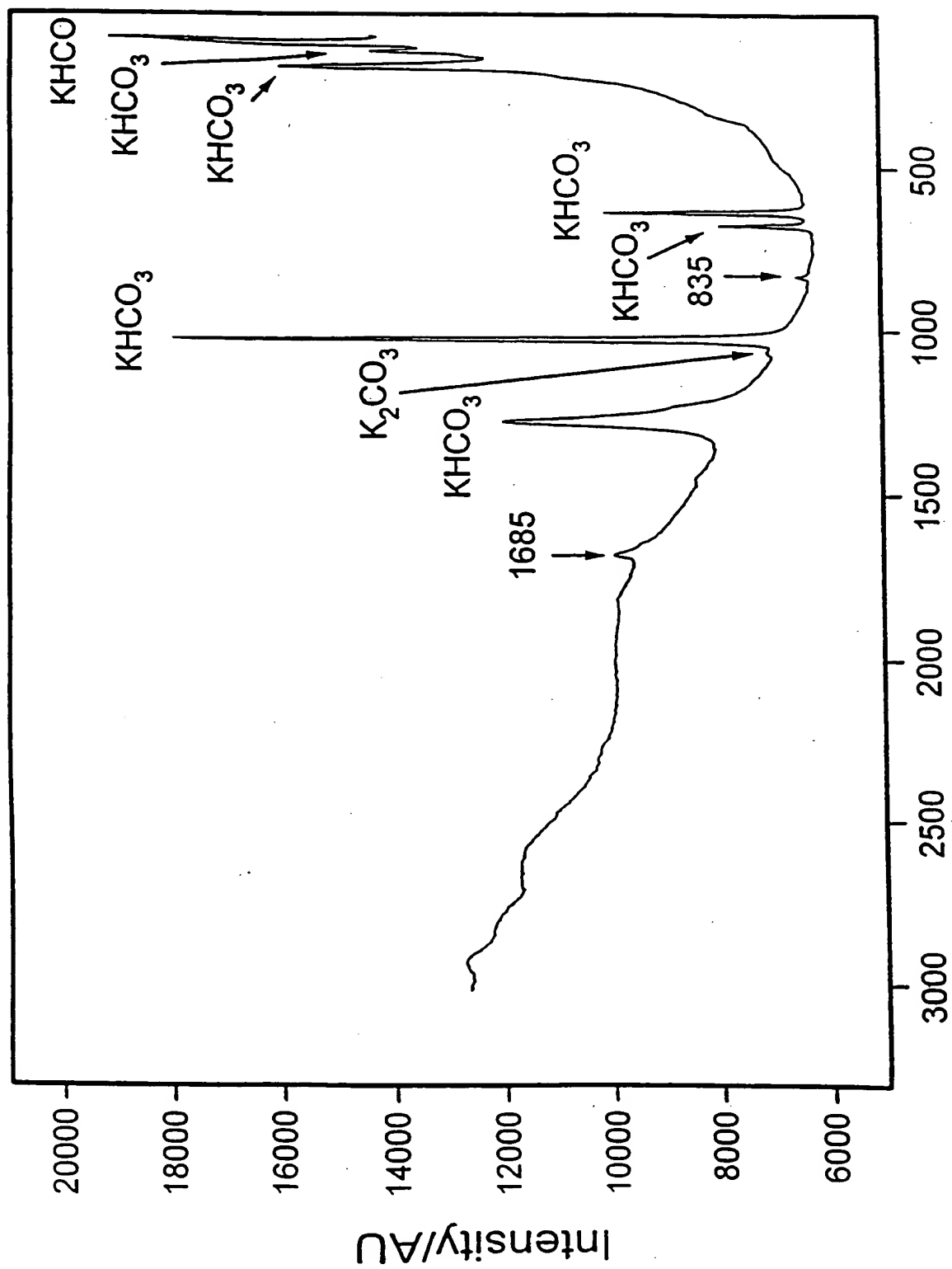


FIG. 72
Raman Shift/cm⁻¹

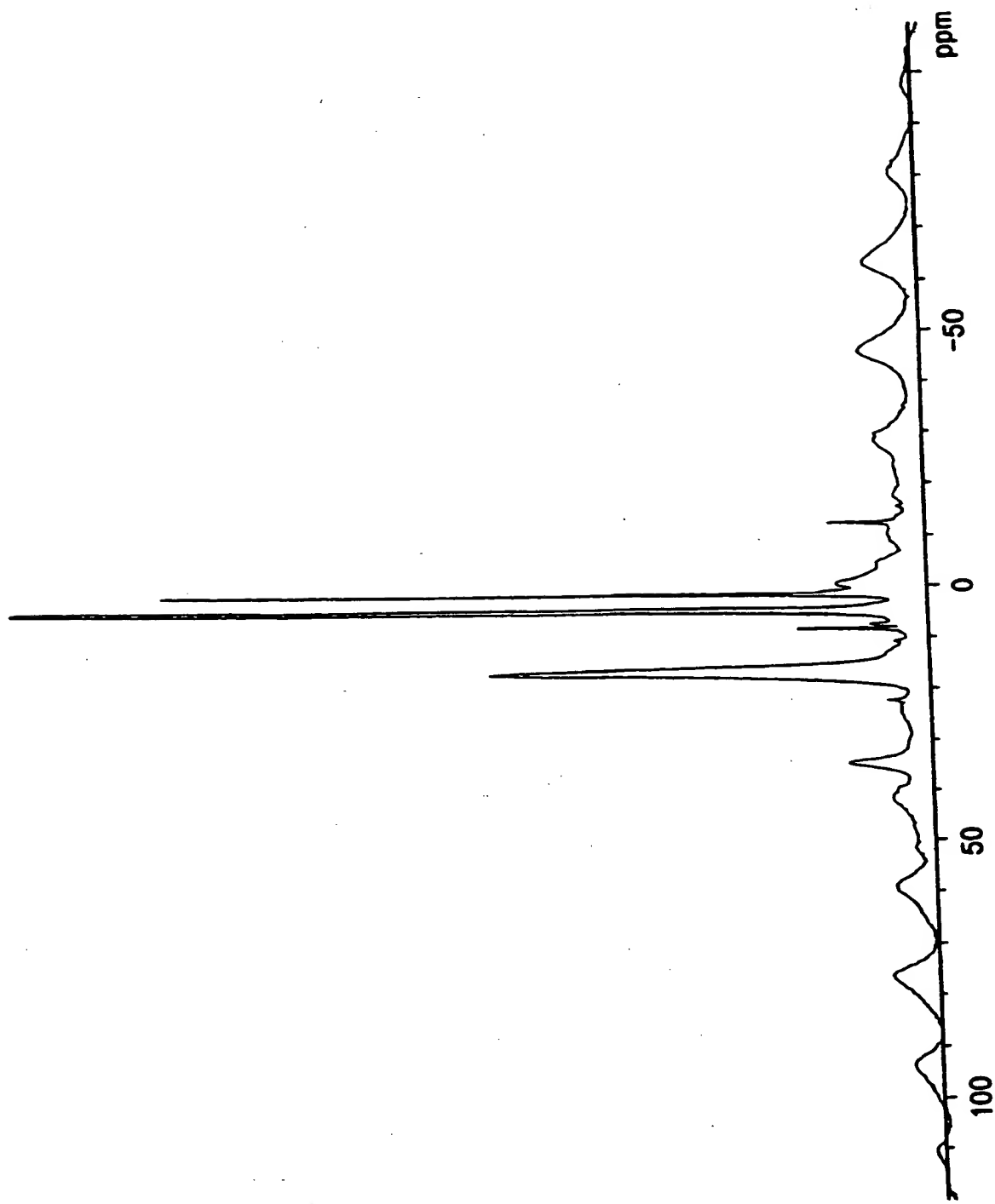


FIG. 73

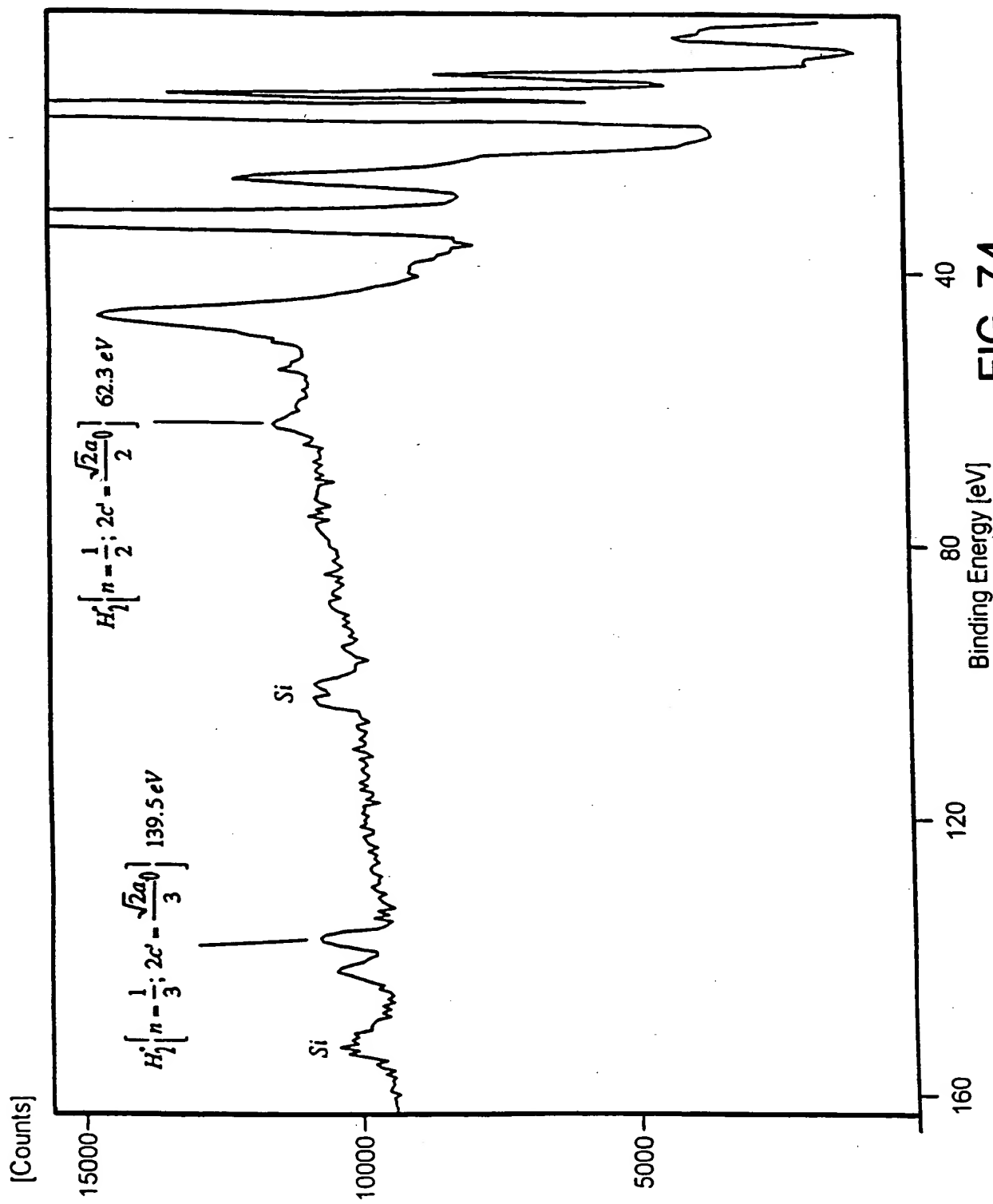


FIG. 74

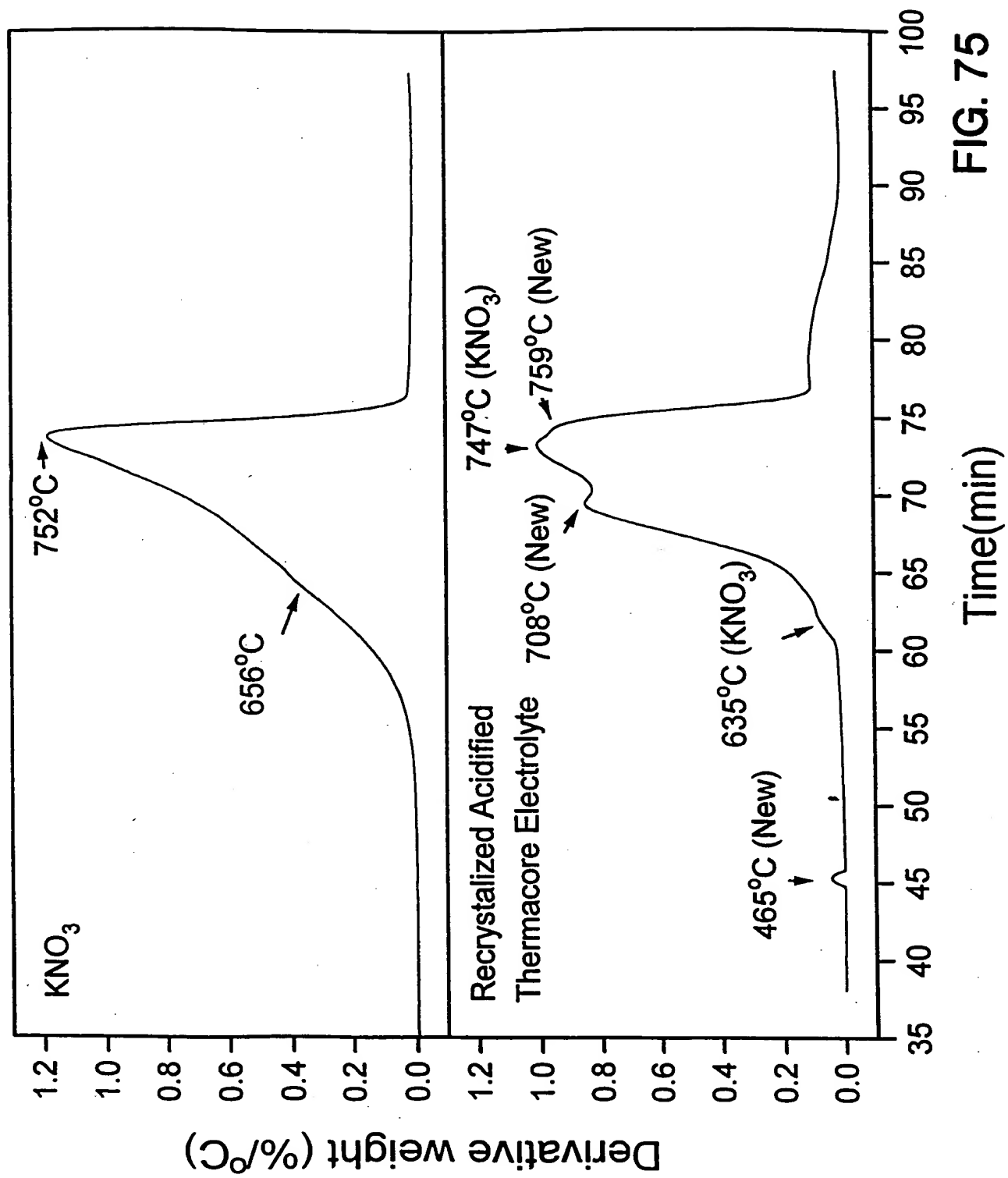


FIG. 75

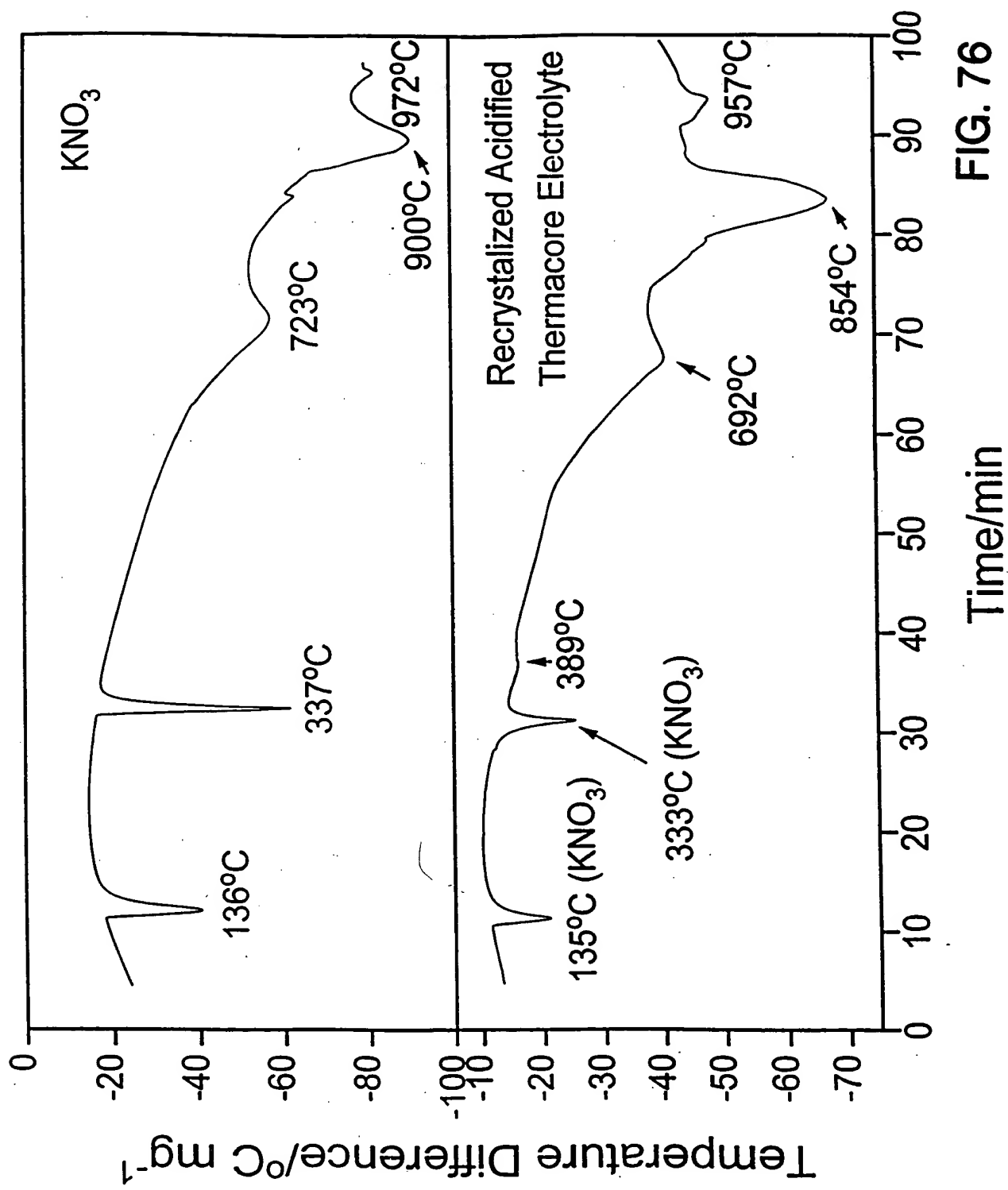


FIG. 76